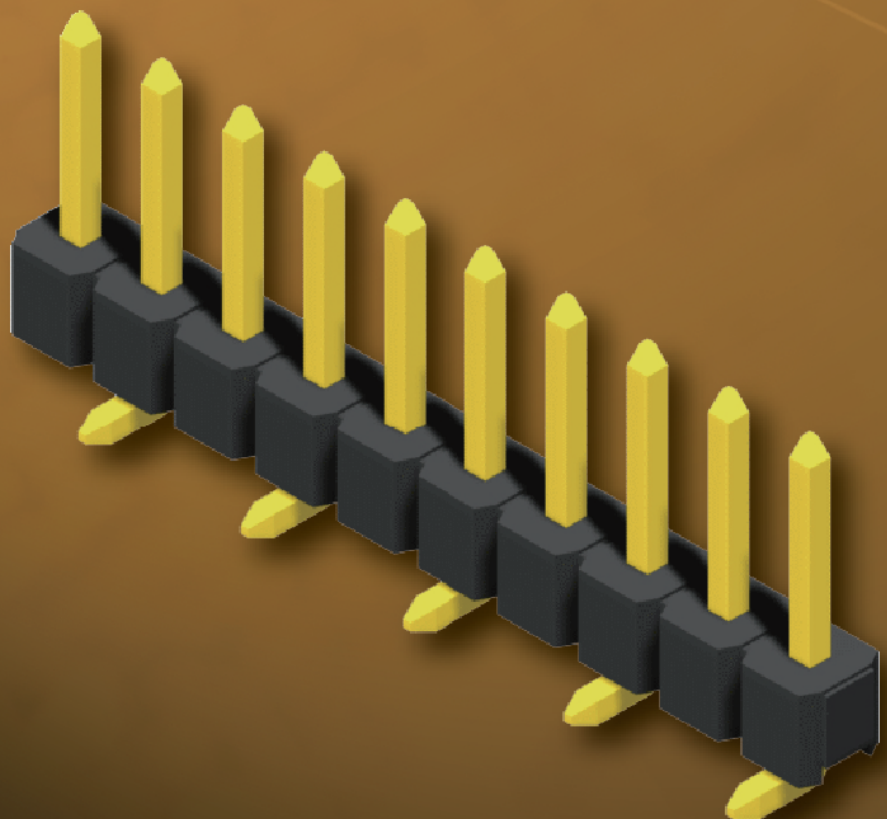


Header & Socket Connectors

2-103~2-160 • PCB Conn. 2.54mm



AMTEK Technology Co., Ltd

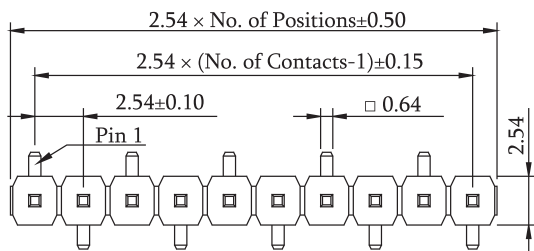
Pin Header 2.54mm 1 Row H=1.5/1.7/2.5mm SMT / Stack SMT Type

Specifications

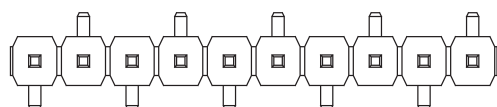
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

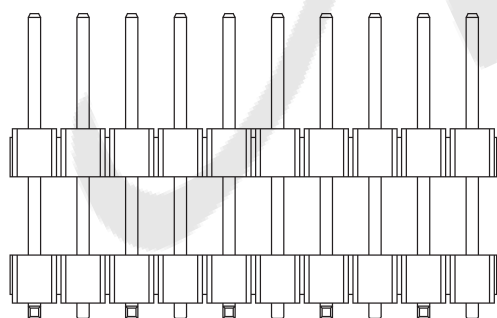
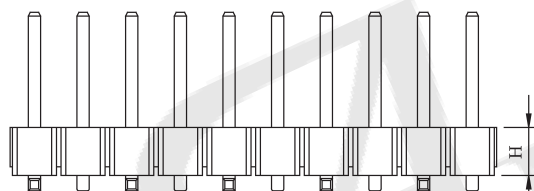
Insulator: Hi-Temp.Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



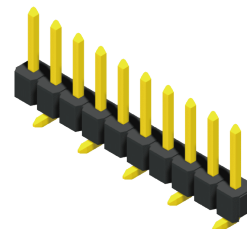
A Type



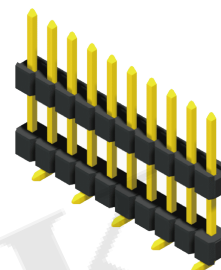
B Type



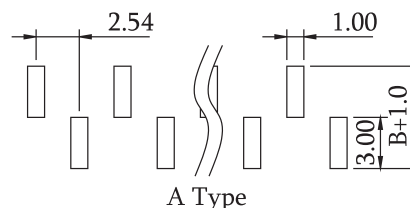
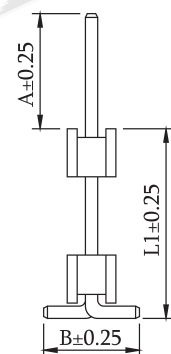
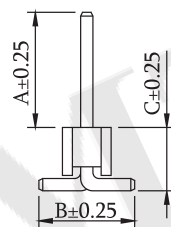
H	15	17	25
Plastic Height	1.5mm	1.7mm	2.5mm



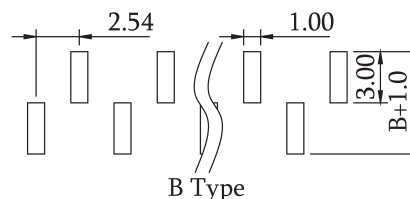
P/N.:5PH1MSX15/17/25-1XXU



P/N.:5PH1DMX15/17/25-1XXU



A Type



B Type

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5

P

H

1

X

X

X

MS:Single Plastic SMT

DM:Stack Plastic SMT

X

X

-

Plastic Height

15:H=1.5mm

17:H=1.7mm

25:H=2.5mm

1

1:Single Row

X

X

No.of Contacts

Per Row (02~40)

H:1.5mm/1.7mm

Per Row (02~50)

H:2.5mm

X

X

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

N

N:W/O Peg

X

A:A Type

B:B Type

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

U

-

U:RoHS + Hi-Temp

A/B/C

A/L1/B

EX.:060033050

A:6.00(060)

B/L1:3.30(033)

C/B:5.00(050)

A/B/C For 5PH1MSXXX-1

A/L1/B For 5PH1DMXXX-1

©:Standard Recommended

◎:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PH1M/DM15/17/25-1

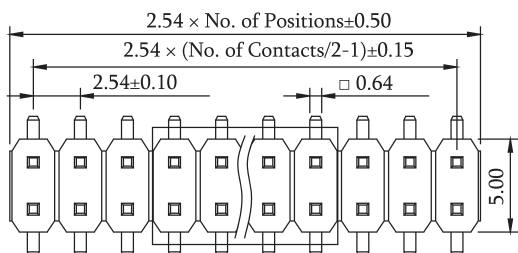
Pin Header 2.54mm 2 Row H=1.5/1.7/2.5mm SMT / Stack SMT Type

Specifications

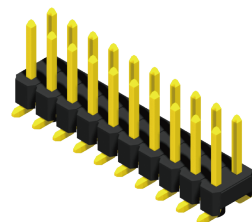
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

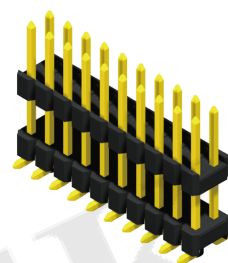
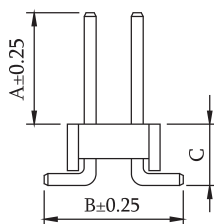
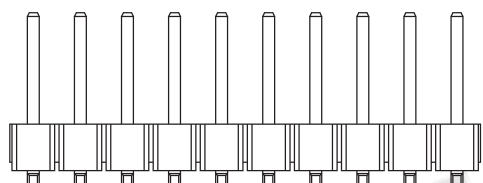
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



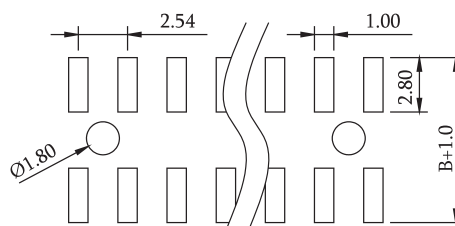
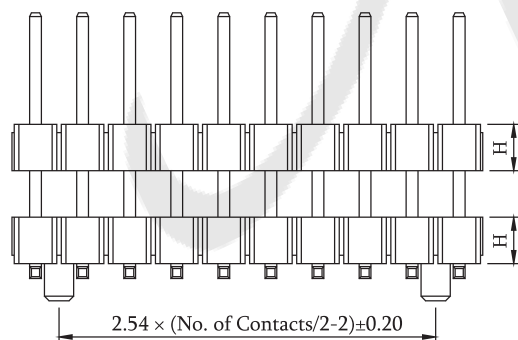
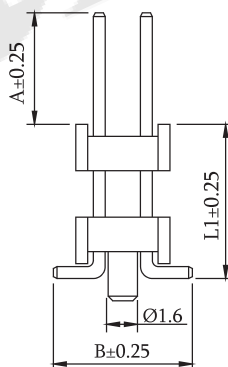
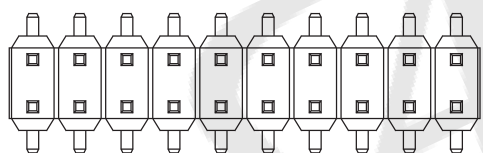
H	15	17	25
Plastic Height	1.5mm	1.7mm	2.5mm



P/N.: 5PH1MSA15/17/25-2XXU



P/N.: 5PH1DMA15/17/25-2XXU



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

ORDER INFORMATION

5	P	H	1	X	X	X	X	X	X	-	2	X	X	X	X	X	N	X	U	-	A/B/C	A/L1/B
MS:Single Plastic SMT DM:Stack Plastic SMT							Plastic Height 15:H=1.5mm 17:H=1.7mm 25:H=2.5mm			No.of Contacts Per Row (02~40) H:1.5mm/1.7mm Per Row (02~50) H:2.5mm			N:Non Type			T:Tube W/O Cap C:Tube With Cap H:T/R W/O Cap R:T/R With Cap			EX.:060033050 A:6.00(060) B/L1:3.30(033) C/B:5.00(050) A/B/C For 5PH1MSXXX-2 A/L1/B For 5PH1DMXXX-2			
2: Dual Row											G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated			S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"			U:RoHS + Hi-Temp					

© :Standard Recommended

©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH1M/DM15/17/25-2

Pin Header 2.54mm 1 Row H=1.5/1.7/2.5mm Right Angle Type

Specifications

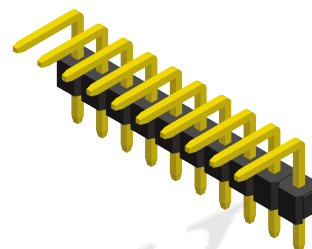
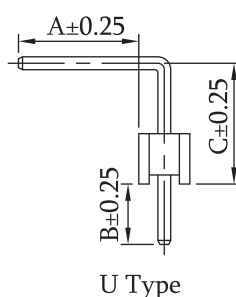
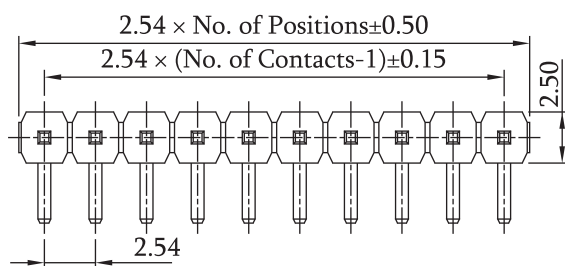
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

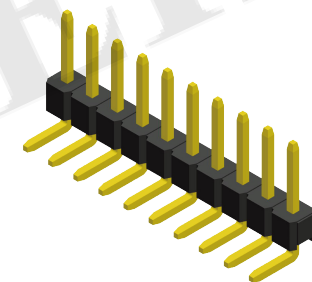
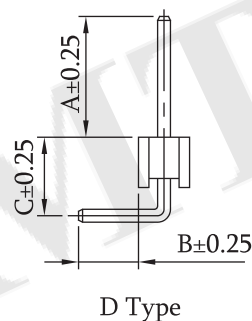
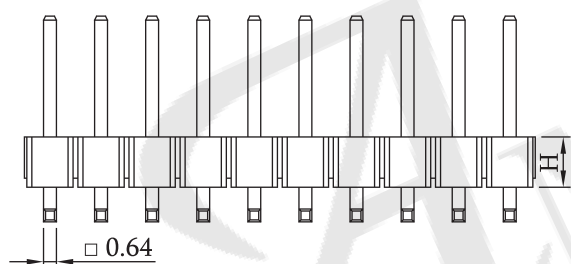
Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

Standard Dimensions		
A	B	C
3.50	3.30	3.90
6.00	3.00	3.90
9.90	3.30	3.90

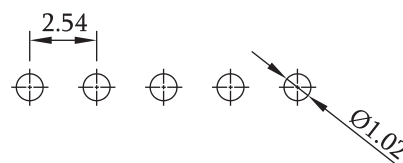
H	15	17	25
Plastic Height	1.5mm	1.7mm	2.5mm



P/N.: 5PH1RUX15/17/25-1XX



P/N.: 5PH1RDX15/17/25-1XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	1	X	X	X	X	X	-	1	X	X	X	X	N	N	B	X	-	A/B/C
RU: R/A DIP U Type RD: R/A DIP D Type						Plastic Height 15: H=1.5mm 17: H=1.7mm 25: H=2.5mm		No. of Contacts Per Row (02~40) H: 1.5mm/1.7mm Per Row (02~50) H: 2.5mm		1: Single Row	G0: Gold Flash GA: Au 5u" GB: Au 10u" GC: Au 20u" GD: Au 30u" T0: Tin Plated		S0: Selective Au SA: Selective Au 5u" SB: Selective Au 10u" SC: Selective Au 20u" SD: Selective Au 30u" TE: Tin 200u"		N: W/O Peg		B: Bag	L: RoHS + PBT U: RoHS + Hi-Temp		EX.: 060030039 A: 6.00(060) B: 3.00(030) C: 3.90(039)

◎: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH1RD/U15/17/25-1

Pin Header 2.54mm 2 Row H=1.5/1.7/2.5mm Right Angle Type

Specifications

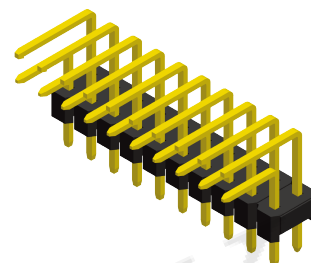
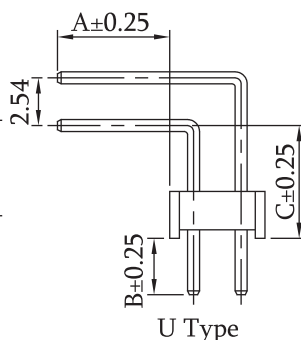
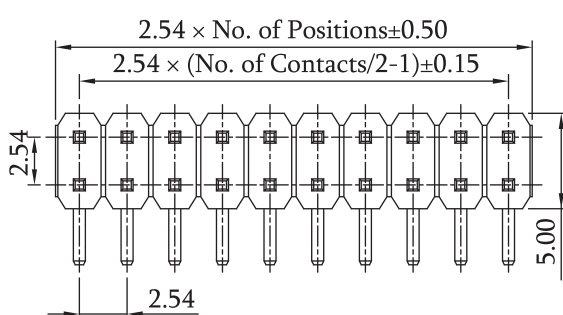
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

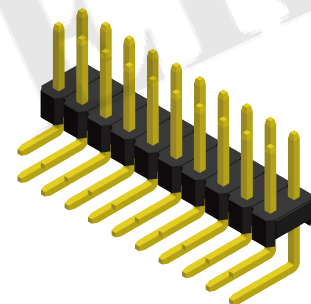
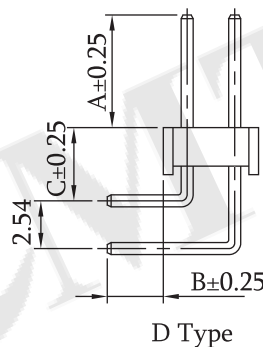
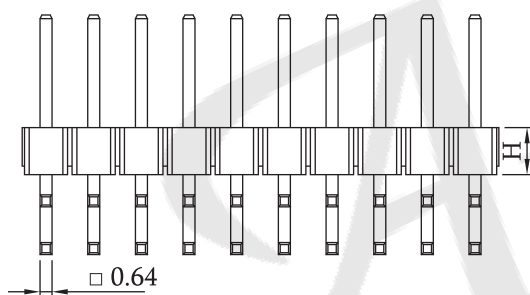
Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

Standard Dimensions		
A	B	C
3.50	3.30	3.90
6.00	3.00	3.90
9.90	3.30	3.90

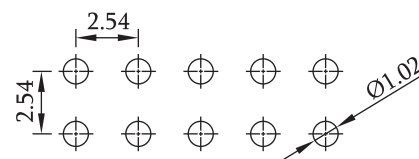
H	15	17	25
Plastic Height	1.5mm	1.7mm	2.5mm



P/N.: 5PH1RUX15/17/25-2XX



P/N.: 5PH1RDX15/17/25-2XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	1	X	X	X	X	X	-	2	X	X	X	X	N	N	B	X	-	A/B/C		
RU: R/A DIP U Type RD: R/A DIP D Type						Plastic Height 15: H=1.5mm 17: H=1.7mm 25: H=2.5mm			No. of Contacts Per Row (02~40) H: 1.5mm/1.7mm Per Row (02~50) H: 2.5mm			N: W/O Peg			B: Bag			L: RoHS + PBT U: RoHS + Hi-Temp			EX.: 060030039 A: 6.00(060) B: 3.00(030) C: 3.90(039)	
						2: Dual Row			G0: Gold Flash GA: Au 5u" GB: Au 10u" GC: Au 20u" GD: Au 30u" TD: Tin Plated			S0: Selective Au SA: Selective Au 5u" SB: Selective Au 10u" SC: Selective Au 20u" SD: Selective Au 30u" TF: Tin 200u"										

©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts.
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH1RD/U15/17/25-2

Pin Header 2.54mm 1 & 2 Row H=1.5/1.7/2.5mm Straight Type

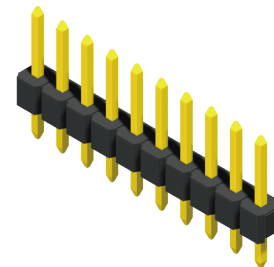
Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

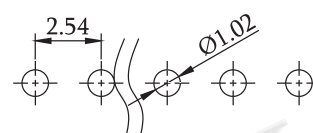
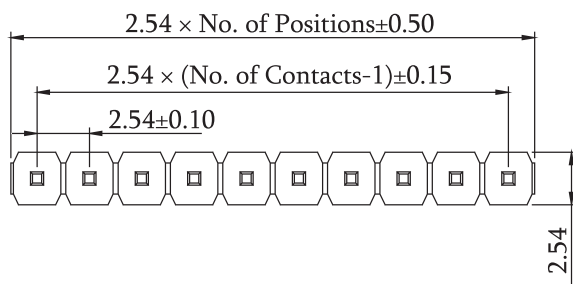
Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

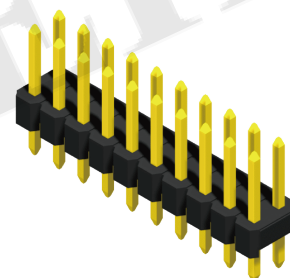
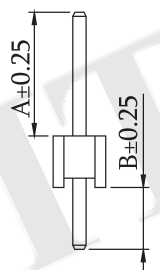
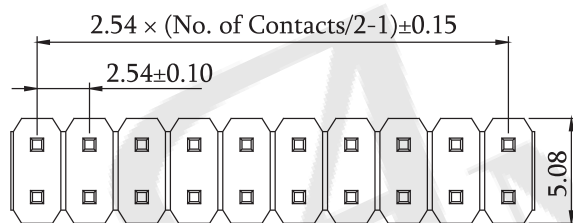
H	15	17	25
Plastic Height	1.5mm	1.7mm	2.5mm



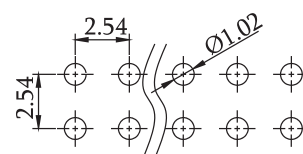
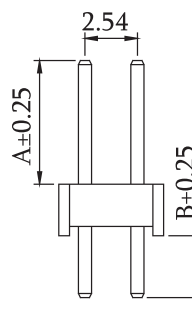
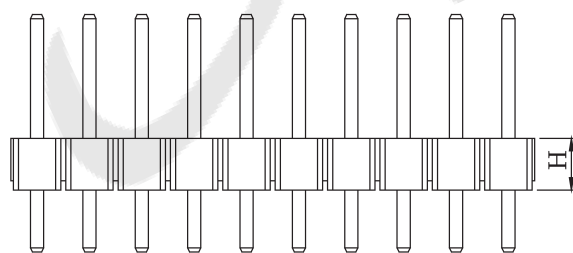
P/N.:5PH1SDX15/17/25-1XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5PH1SDX15/17/25-2XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	1	S	D	X	X	X	-	X	X	X	X	N	N	B	X	-	A/B	
SD: Straight DIP						Plastic Height 15:H=1.5mm 17:H=1.7mm 25:H=2.5mm			No. of Contacts Per Row (02~40) H:1.5mm/1.7mm Per Row (02~50) H:2.5mm			N:W/O Peg			B:Bag		L:RoHS + PBT U:RoHS + Hi-Temp		EX.:060030000 A:6.00(060) B:3.00(030)	
1:Single Row 2: Dual Row			G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated			S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TF:Tin 200u"														

Ⓢ: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH1S15/17/25-1/2

Pin Header 2.54mm 1 & 2 Row H=1.5/1.7/2.5mm Stack Straight Type

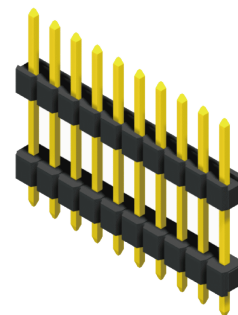
Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

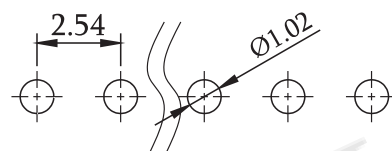
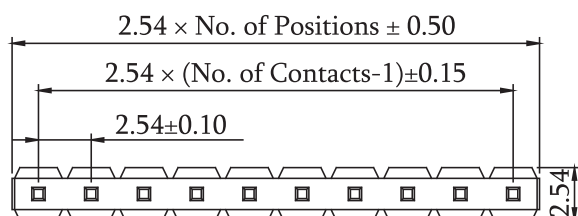
Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

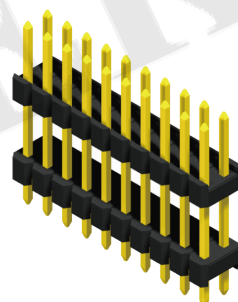
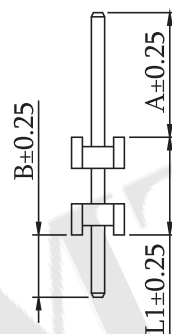
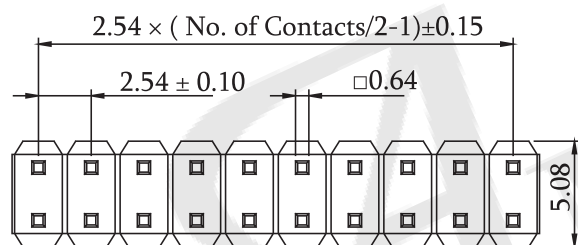
H	15	17	25
Plastic Height	1.5mm	1.7mm	2.5mm



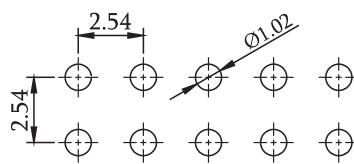
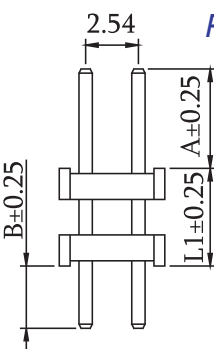
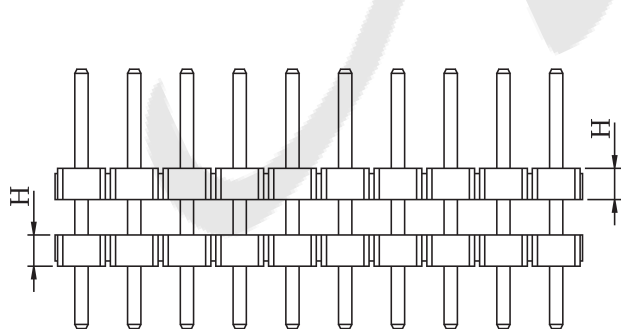
P/N.:5PH1DDX15/17/25-1XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5PH1DDX15/17/25-2XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	1	D	D	X	X	X	-	X	X	X	X	N	N	B	X	-	A/L1/B		
DD :Stack Plastic DIP						Plastic Height 15:H=1.5mm 17:H=1.7mm 25:H=2.5mm			No.of Contacts Per Row (02~40) H:1.5mm/1.7mm Per Row (02~50) H:2.5mm			N:W/O Peg			B:Bag		L:RoHS + PBT U:RoHS + Hi-Temp		EX.:060070030 A:6.00(060) L1:7.00(070) B:3.00(030)		
1:Single Row 2:Dual Row						G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated			S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TF:Tin 200u"												

©:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PH1D15/17/25-1/2

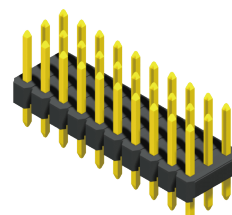
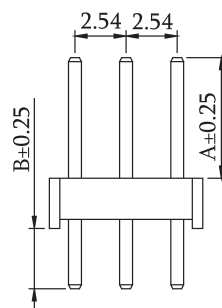
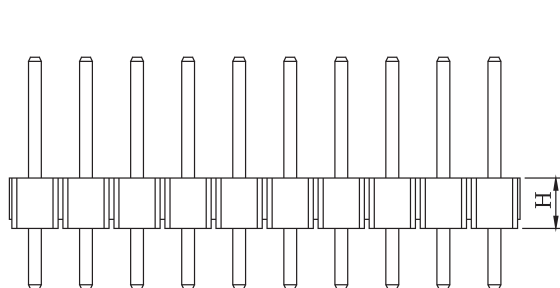
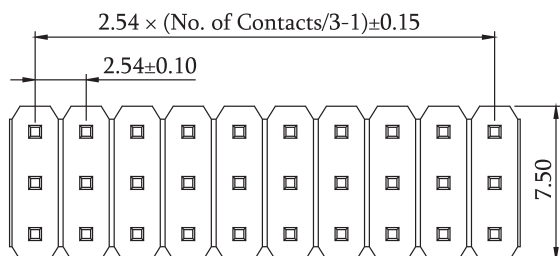
Pin Header 2.54mm 3 Row H=2.5mm Straight Type

Specifications

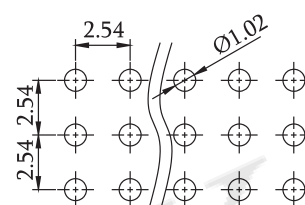
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

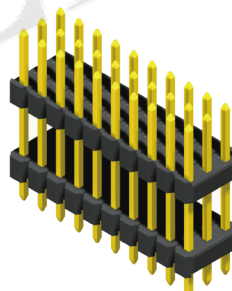
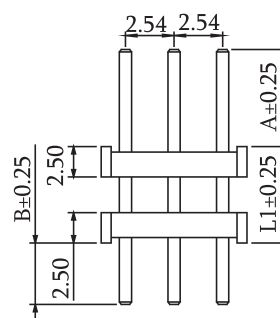
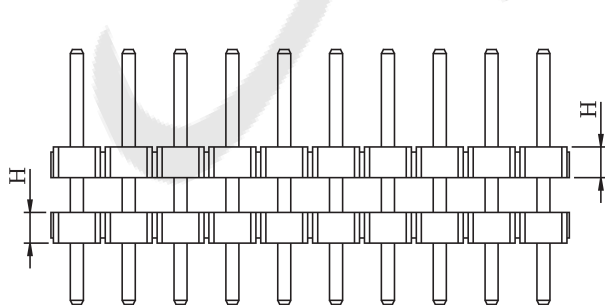
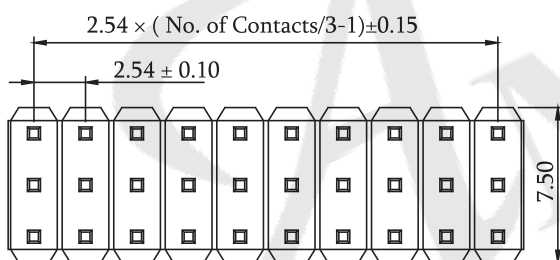


P/N.:5PH1SDX25-3XX

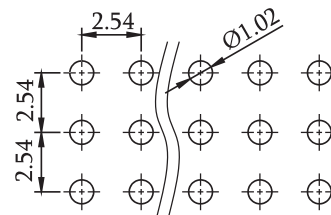


Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Pin Header 2.54mm 3 Row H=2.5mm Stack Straight Type



P/N.:5PH1DDX25-3XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	1	X	X	X	2	5	-	3	X	X	X	X	N	N	B	X	-	A/L1/B			
SD: Straight DIP DD :Stack Plastic DIP						Plastic Height 25:H=2.5mm				No. of Contacts Per Row (02~50)		N:W/O Peg				B: Bag		L:RoHS + PBT U:RoHS + Hi-Temp		EX.:060070030 A:6.00(060) L1:7.00(070) B:3.00(030)			
						3:Triple Row				G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated				S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TF:Tin 200u"									

⊙: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH1S/D25-3

Pin Header 2.54mm 1 & 2 Row H=1.5/2.5mm Straddle Type

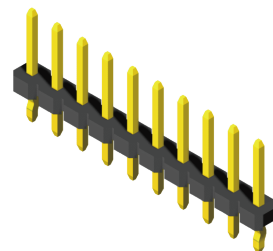
Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

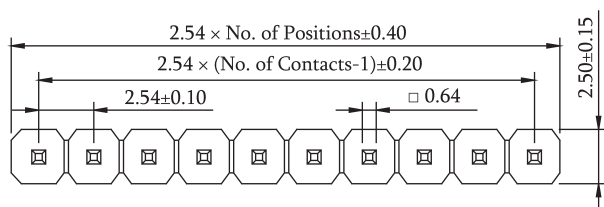
Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

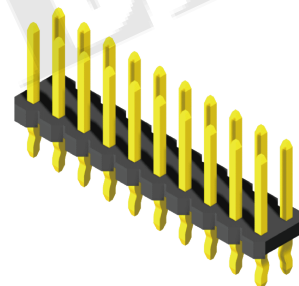
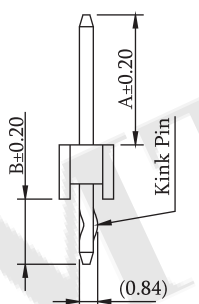
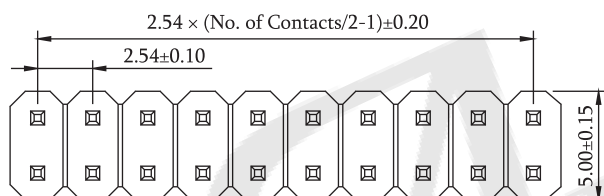
H	15	25
Plastic Height	1.5mm	2.5mm



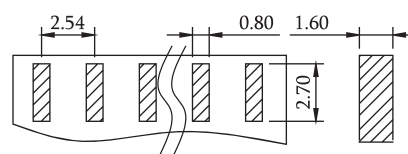
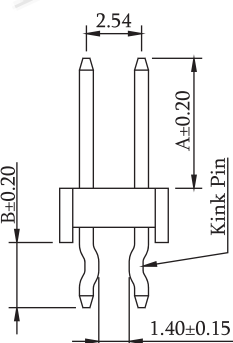
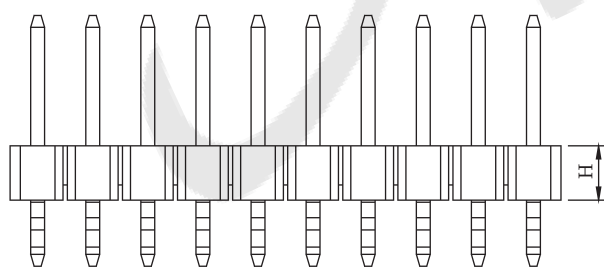
P/N.:5PH1KSX15/25-1XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5PH1KSX15/25-2XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	1	K	S	X	X	X	-	X	X	X	X	N	N	B	X	-	A/B
KS:Straddle DIP						Plastic Height 15:H=1.5mm 25:H=2.5mm		No. of Contacts Per Row (02~40)		N:W/O Peg		B:Bag		L:RoHS + PBT U:RoHS + Hi-Temp		EX.:060030000 A:6.00(060) B:3.00(030)			
								1:Single Row 2:Dual Row		G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated		S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TF:Tin 200u"							

©:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts.
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PH1K15/25-1/2

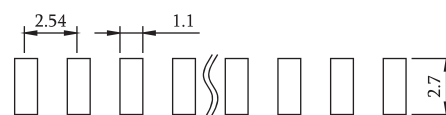
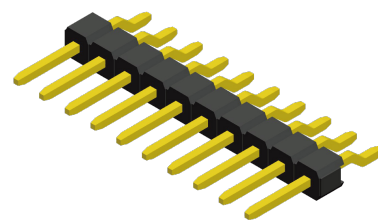
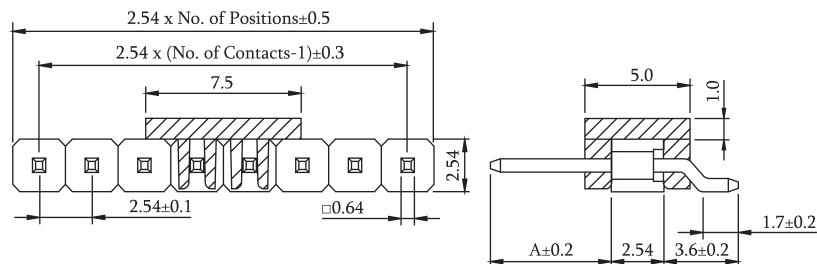
Pin Header 2.54mm 1 Row H=2.5mm SMT R/A Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PH1MRX25-1XXU

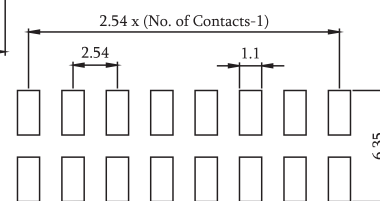
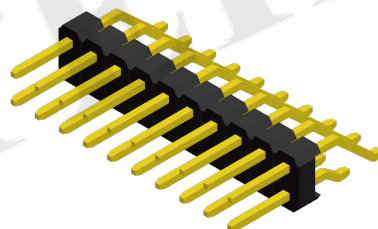
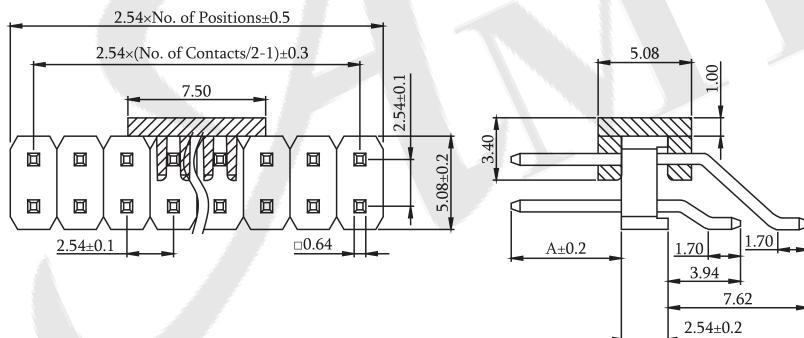
Pin Header 2.54mm 2 Row H=2.5mm SMT R/A Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PH1MRX25-2XXU

ORDER INFORMATION

5	P	H	1	M	R	X	2	5	-	X	X	X	X	N	N	X	U	-	A	
MR: Single Plastic SMT R/A						Plastic Height 25:H=2.5mm					No. of Contacts Per Row (02~40)				N:W/O Peg		T:Tube W/O Cap C:Tube With Cap H:T/R W/O Cap R:T/R With Cap		EX.:060000000 A:6.00(060)	
						1:Single Row 2:Dual Row			G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated		S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"						U:RoHS + Hi-Temp			

◎: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH1MR-1/2

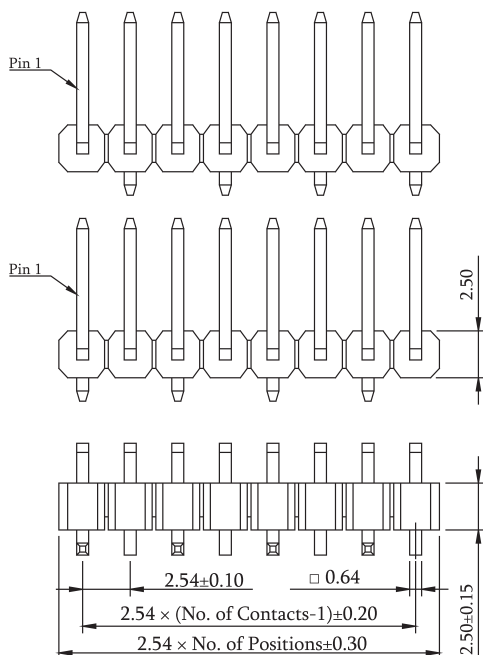
Pin Header 2.54mm 1 Row H=2.5mm Mixed Technology Pin Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

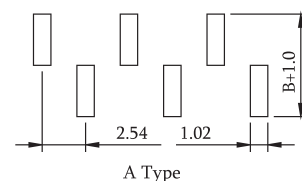
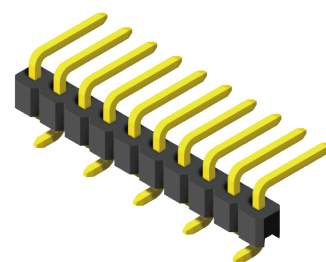
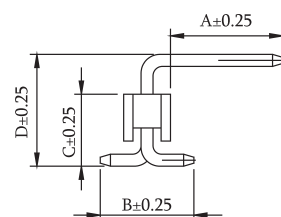
Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

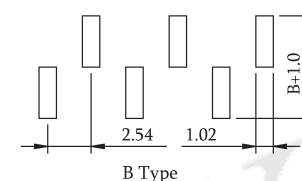


A Type

B Type



A Type

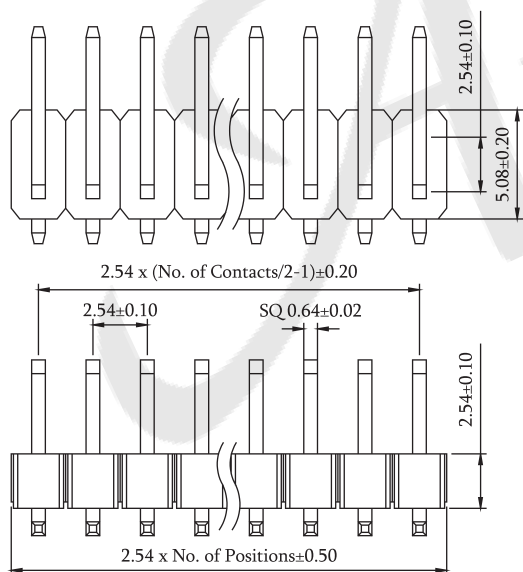


B Type

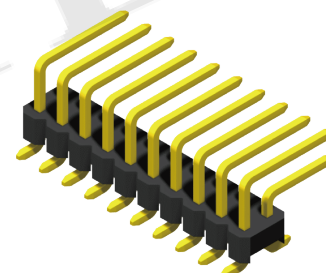
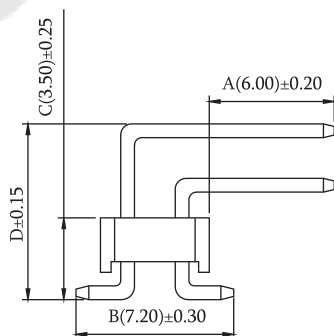
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PH1RMA25-1XXU

Pin Header 2.54mm 2 Row H=2.5mm Mixed Technology Pin Type



Part No.	Dim. D
5PH1RMX25-2XXU-00	9.70
5PH1RMX25-2XXU-01	8.52



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PH1RMX25-2XXU

ORDER INFORMATION

5	P	H	1	R	M	X	2	5	-	X	X	X	X	X	N	X	X	U	-	A/B/C			
RM:Single Plastic SMT R/A						Plastic Height 25:H=2.5mm		No. of Contacts Per Row (02~40)		1:Single Row 2:Dual Row		G0:Gold Flash GA: Au 5u" GB: Au 10u" GC: Au 20u" GD: Au 30u" T0: Tin Plated		S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE: Tin 200u"		A:A Type B: B Type For Single Row Only N:Non Type For Dual Row Only		T:Tube W/O Cap C:Tube With Cap H:T/R W/O Cap R:T/R With Cap		U:RoHS + Hi-Temp		EX.:060030039 A:6.00(060) B:3.00(030) C:3.90(039)	

©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH1RM25-1/2

CONNECTORS MANUFACTURER

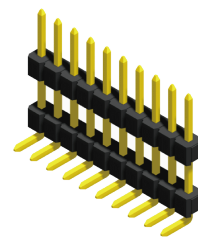
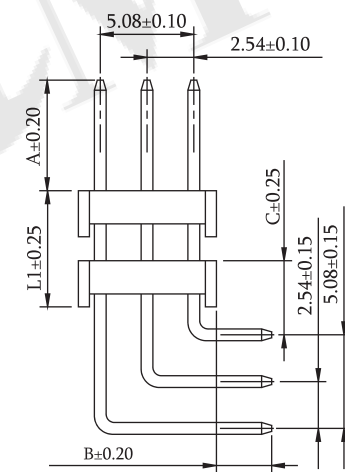
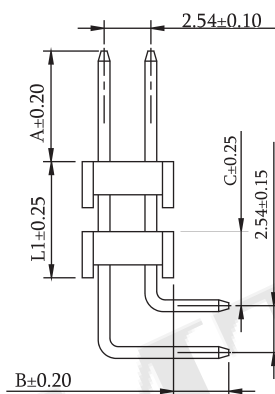
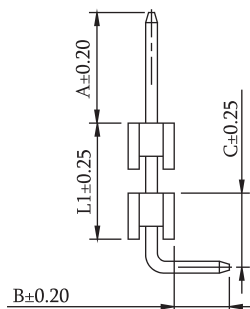
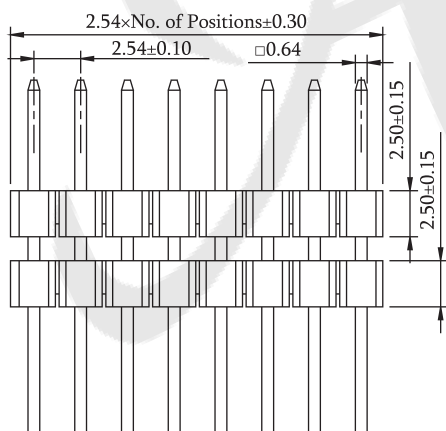
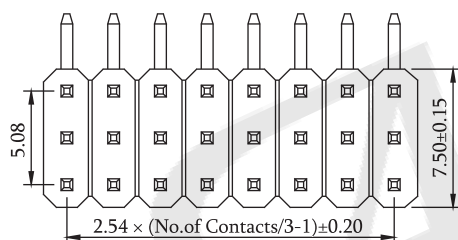
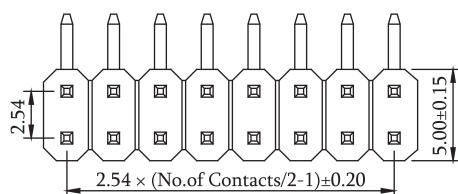
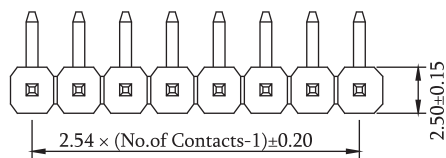
Pin Header 2.54mm 1 & 2 & 3 Row H=2.5mm Stack Right Angle Type

Specifications

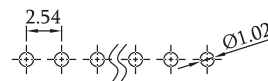
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

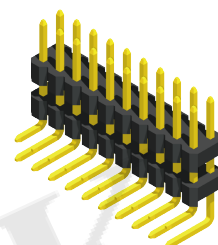
Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.: 5PH1DRX25-1XX



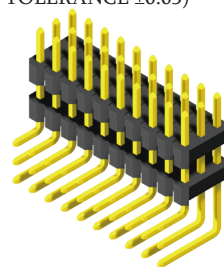
Recommended PCB Layout
(PCB TOLERANCE ±0.05)



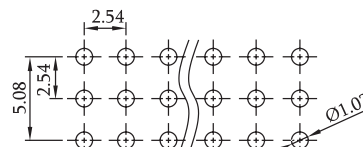
P/N.: 5PH1DRX25-2XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.: 5PH1DRX25-3XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5 P H 1 D R X 2 5 - X X X X N N B X - A/L1/B

DR: Stack Plastic R/A DIP

Plastic Height
25:H=2.5mm

No. of Contacts
Per Row (02~40)

1: Single Row
2: Dual Row
3: Triple Row

N: W/O Peg

B: Bag

L: RoHS + PBT
U: RoHS + Hi-Temp

EX.: 060068030
A: 6.00(060)
L1: 6.80(068)
B: 3.00(030)

G0: Gold Flash	S0: Selective Au
GA: Au 5u"	SA: Selective Au 5u"
GB: Au 10u"	SB: Selective Au 10u"
GC: Au 20u"	SC: Selective Au 20u"
GD: Au 30u"	SD: Selective Au 30u"
T0: Tin Plated	TE: Tin 200u"

◎: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH1RDD-1/2/3

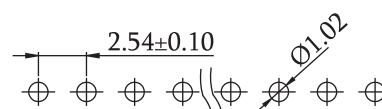
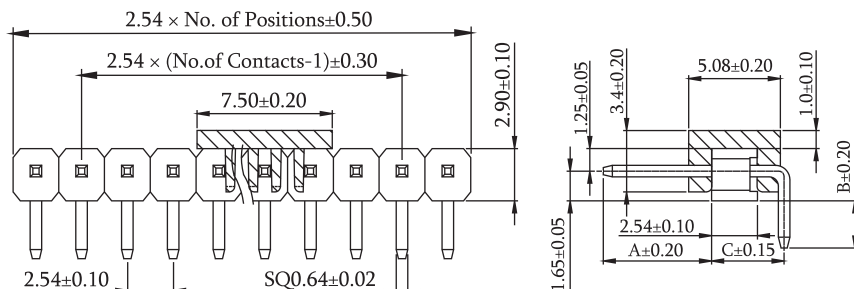
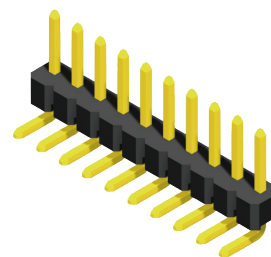
Pin Header 2.54mm 1 Row H=2.5mm Eccentric Right Angle Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PH1RLX25-1XX

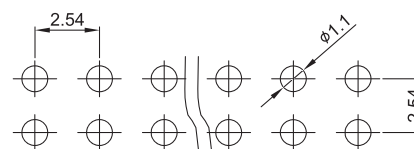
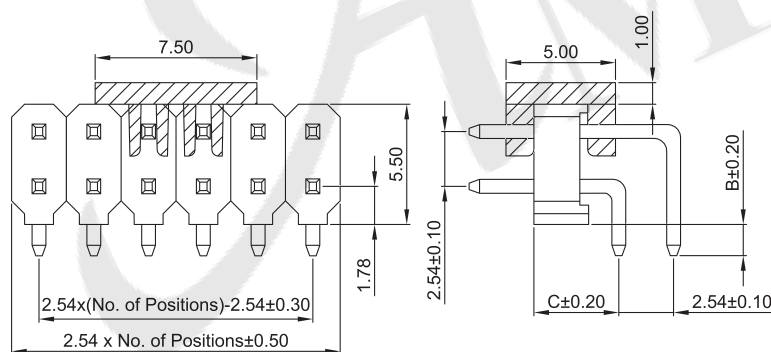
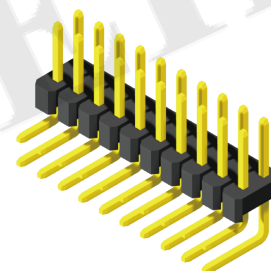
Pin Header 2.54mm 2 Row H=2.5mm Eccentric Right Angle Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PH1RLX25-2XX

ORDER INFORMATION

5	P	H	1	R	L	X	2	5	-	X	X	X	X	N	N	B	X	-	A/B/C
RL:Off-center Type, R/A DIP						Plastic Height 25:H=2.5mm				1:Single Row 2:Dual Row		No. of Contacts Per Row (02~40)		N:W/O Peg		B:Bag		EX.:060030040 A:6.00(060) B:3.00(030) C:4.00(040)	
G0:Gold Flash						S0:Selective Au						L:RoHS + PBT						U:RoHS + Hi-Temp	
GA: Au 5u"						SA: Selective Au 5u"													
GB: Au 10u"						SB: Selective Au 10u"													
GC: Au 20u"						SC: Selective Au 20u"													
GD: Au 30u"						SD: Selective Au 30u"													
T0: Tin Plated						TE: Tin 200u"													

©:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PH1RDL25-1/2

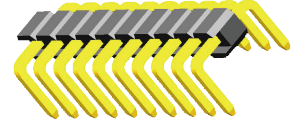
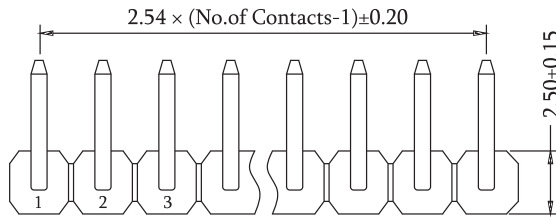
Pin Header 2.54mm 1 & 2 Row H=2.5mm C Type

Specifications

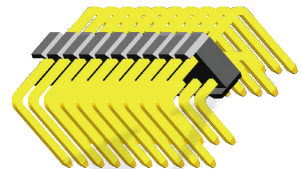
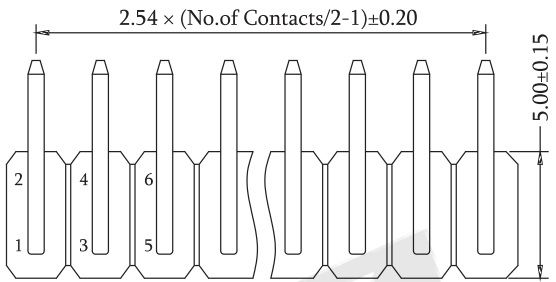
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

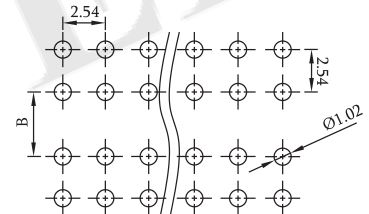
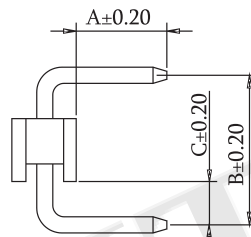
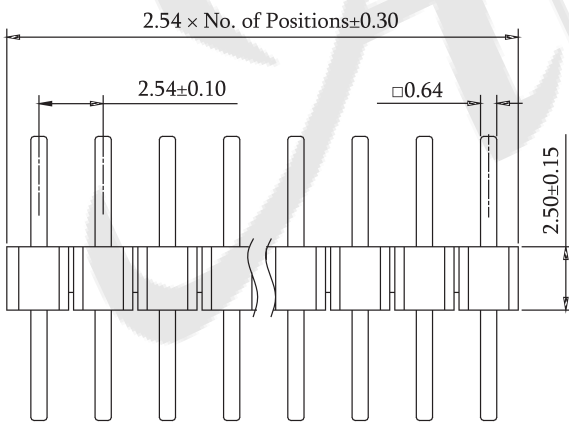
Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



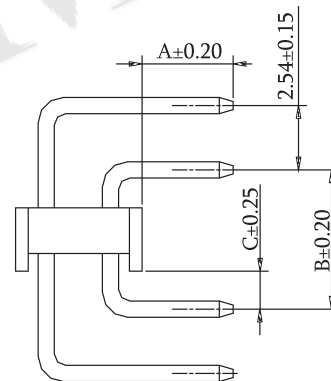
P/N.:5PH1CDX25-1XX



P/N.:5PH1CDX25-2XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



ORDER INFORMATION

5	P	H	1	C	D	X	2	5	-	X	X	X	X	N	N	B	X	-	A/B/C
CD: C Type DIP						Pitch Height 25:H=2.5mm				No. of Contacts Per Row (02~40)		N: W/O Peg		B: Bag		L: RoHS + PBT U: RoHS + Hi-Temp		EX.: 060030040 A: 6.00(060) B: 3.00(030) C: 4.00(040)	
1: Single Row 2: Dual Row						G0: Gold Flash GA: Au 5u" GB: Au 10u" GC: Au 20u" GD: Au 30u" T0: Tin Plated		S0: Selective Au SA: Selective Au 5u" SB: Selective Au 10u" SC: Selective Au 20u" SD: Selective Au 30u" TE: Tin 200u"											

⊙: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH1C25-1/2

Pin Header 2.54mm 1 & 2 Row H=2.5mm Press Fit Type

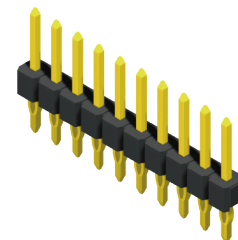
Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

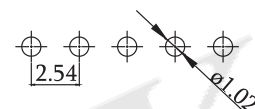
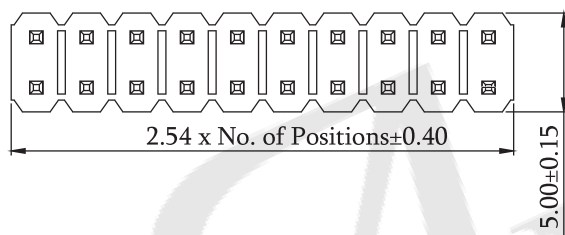
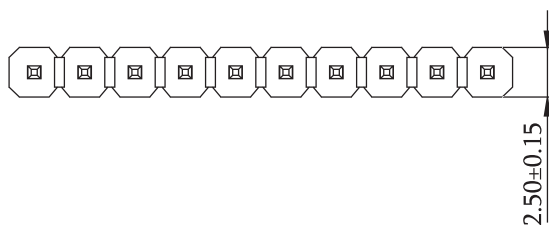
Material

Insulator: P.B.T , UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

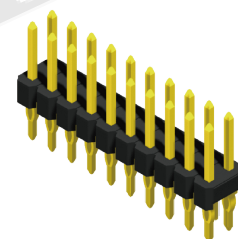
	Dim.A				
For Single Row	2.7	5.8	-	8.3	10.3
For Dual Row	2.7	5.8	6.0	8.3	10.3



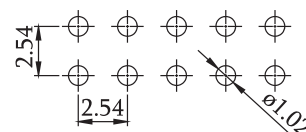
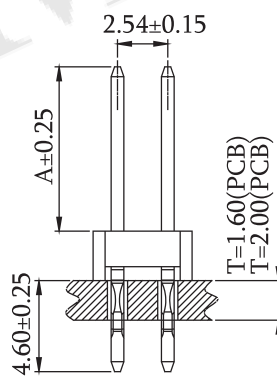
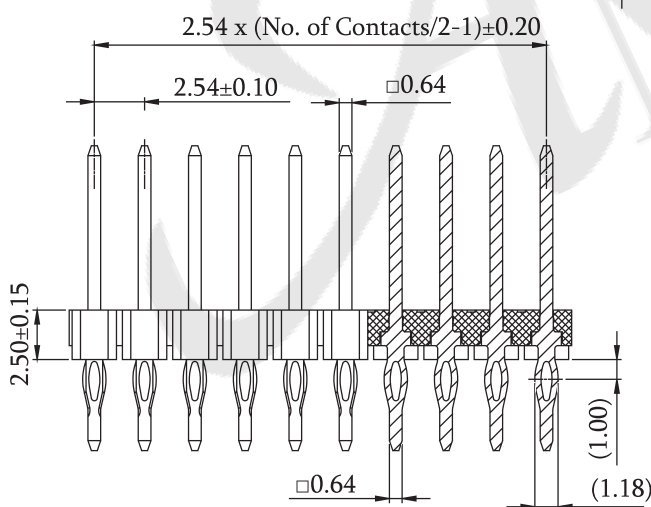
P/N: 5PH1FSX25-1XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N: 5PH1FSX25-2XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	1	F	S	X	2	5	-	X	X	X	X	N	N	B	X	-	A/B		
FS:Press Fit DIP						Plastic Height 25:H=2.5mm		1:Single Row 2: Dual Row		No. of Contacts Per Row (02~40)				N:W/O Peg		B:Bag		L:RoHS + PBT		EX.:060030000 A:6.00(060) B:3.00(030)	
G0:Gold Flash						S0:Selective Au															
GA:Au 5u"						SA:Selective Au 5u"															
GB:Au 10u"						SB:Selective Au 10u"															
GC:Au 20u"						SC:Selective Au 20u"															
GD:Au 30u"						SD:Selective Au 30u"															
T0:Tin Plated						TE:Tin 200u"															

©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts.
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH1FS25-1/2

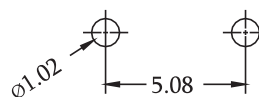
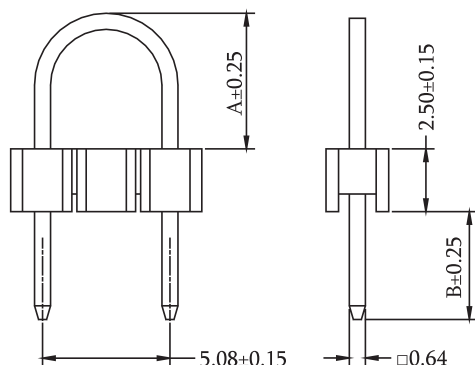
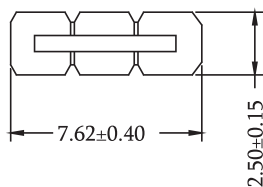
Pin Header 2.54mm Jumper Header

Specifications

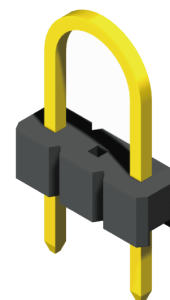
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

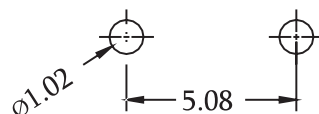
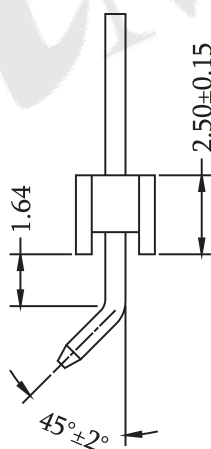
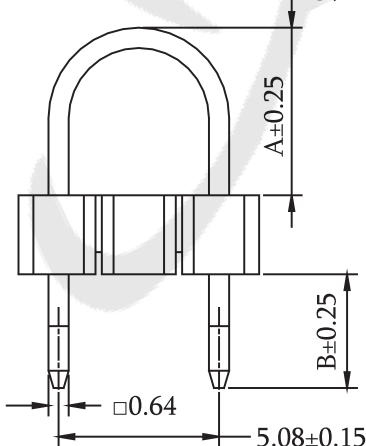
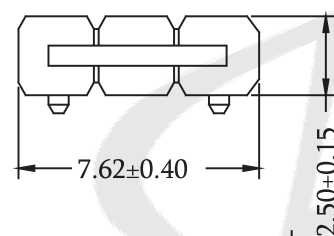


Recommended PCB Layout
(PCB TOLERANCE ±0.05)

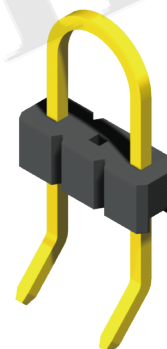


P/N.:5PH1UDX25-103

Pin Header 2.54mm Jumper Header Angle Type



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5PH1URX25-103

ORDER INFORMATION

5	P	H	1	X	X	X	2	5	-	1	X	X	X	X	N	N	B	X	-	A/B
UD:U Type DIP UR:U Type 45°						Plastic Height 25:H=2.5mm			No. of Contacts		N:W/O Peg		B:Bag		L:RoHS + PBT U:RoHS + Hi-Temp		EX:052030000 A:5.20(052) B:3.00(030)			
						1:Single Row			G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated		S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"									

⊙:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PH1U25-103
PH1UR25-103

2-118

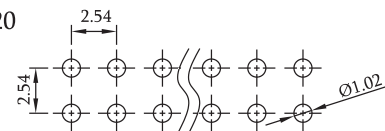
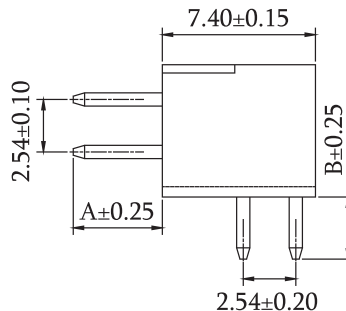
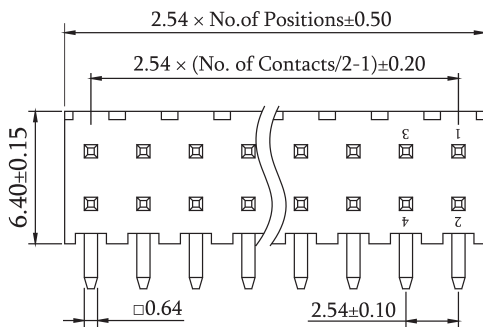
Pin Header 2.54mm 2 Row H=7.4mm Right Angle Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

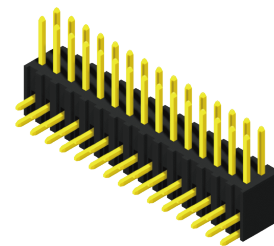
Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PH1RDX74-2XX



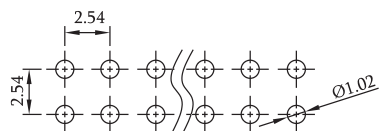
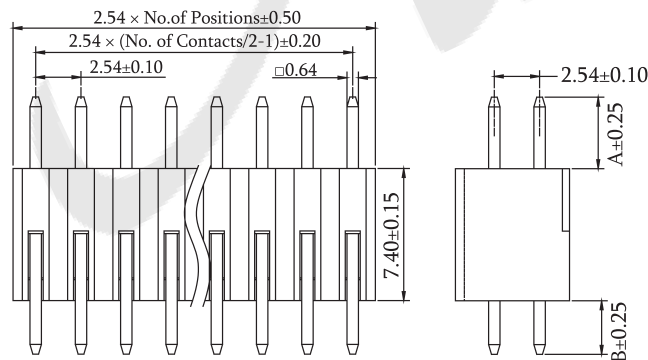
Pin Header 2.54mm 2 Row H=7.4mm Straight Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

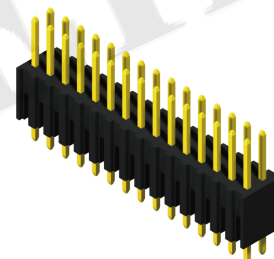
Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PH1SDX74-2XX



ORDER INFORMATION

5	P	H	1	X	X	X	7	4	-	2	X	X	X	X	N	N	B	X	-	A/B	
RD: R/A DIP SD: Straight DIP						Plastic Height 74: H=7.4mm		No. of Contacts Per Row (02~40)		2: Dual Row		G0: Gold Flash GA: Au 5u" GB: Au 10u" GC: Au 20u" GD: Au 30u" T0: Tin Plated		S0: Selective Au SA: Selective Au 5u" SB: Selective Au 10u" SC: Selective Au 20u" SD: Selective Au 30u" TF: Tin 200u"		N: W/O Peg		B: Bag L: RoHS + PBT U: RoHS + Hi-Temp		EX.: 060030000 A: 6.00(060) B: 3.00(030)	

◎: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PH1R/S74-2

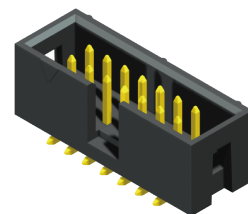
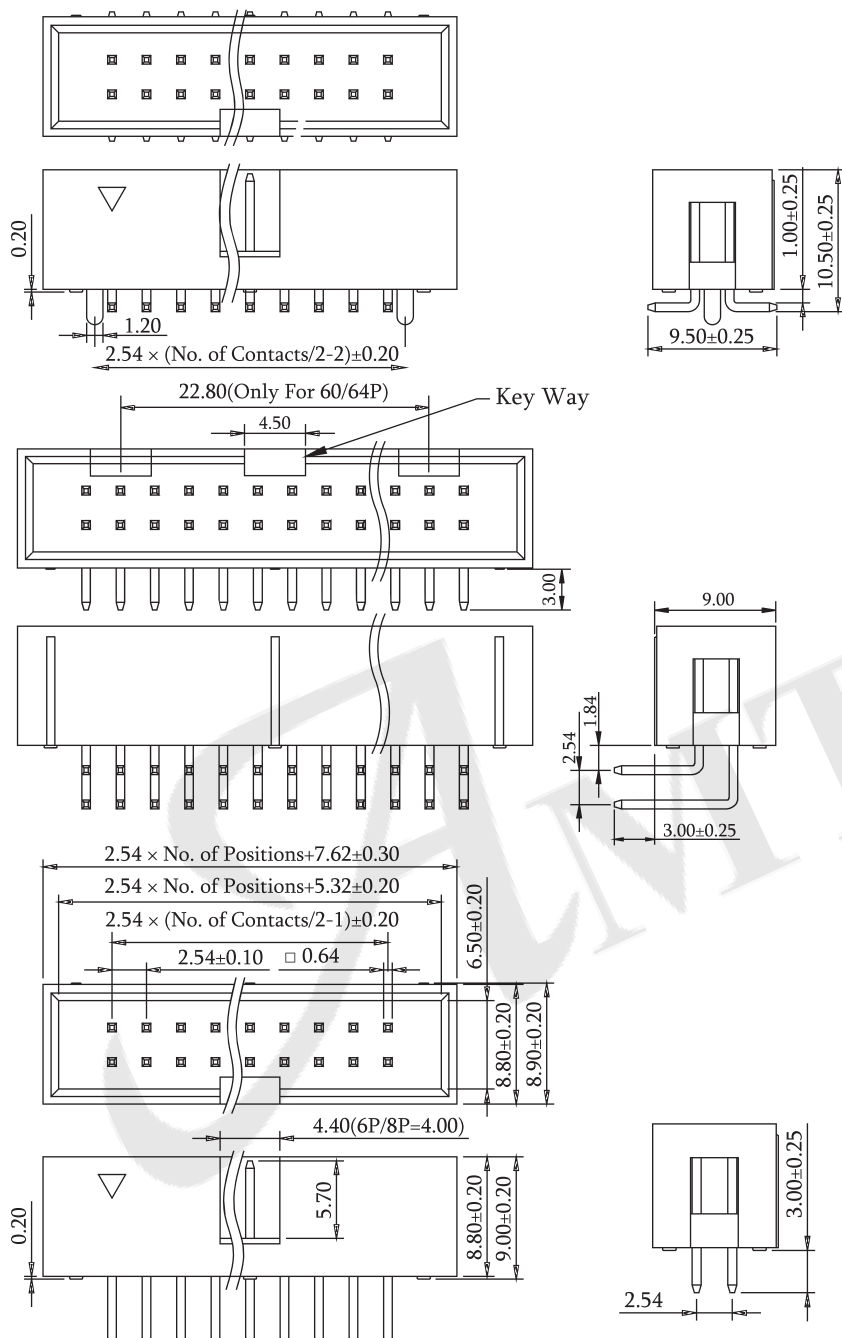
Box Header 2.54mm H=8.8 SMT / Right Angle / Straight Type

Specifications

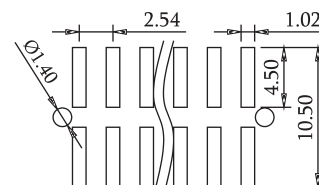
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

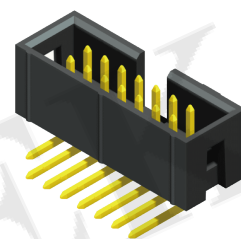
Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



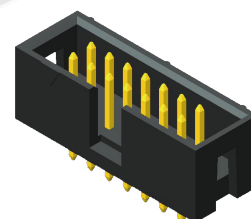
P/N.:5BH1MSX88-XXU



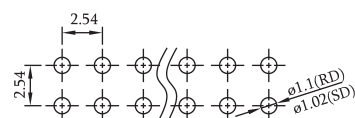
Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5BH1RDX88-XX



P/N.:5BH1SDX88-XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5 B H 1 X X X

MS:SMT Straight
RD:R/A DIP
SD:Straight DIP

8 8 -

Plastic Height
88:H=8.8mm

X X

No. of Contacts
Per Row (06~64)

X X

5:W/O Peg;W/O Ejector
6:With Peg;W/O Ejector
For SMT Only

X

X

L:RoHS + PBT
U:RoHS + Hi-Temp
For SMT U option Only

X

G0:Gold Flash
GA:Au 5u"
GB:Au 10u"
GC:Au 20u"
GD:Au 30u"
T0:Tin Plated
S0:Selective Au
SA:Selective Au 5u"
SB:Selective Au 10u"
SC:Selective Au 20u"
SD:Selective Au 30u"
TE:Tin 200u"

T:Tube W/O Cap
C:Tube With Cap
H:T/R W/O Cap
R:T/R With Cap
A:Tray W/O Cap
P:Tray With Cap

©:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: BH1M/R/S

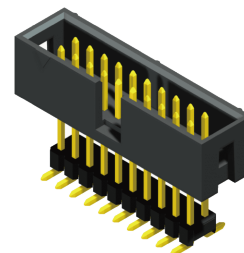
Box Header 2.54mm Elevated SMT / Straight Type

Specifications

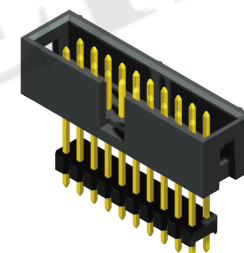
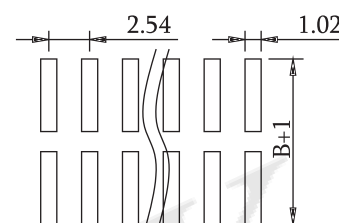
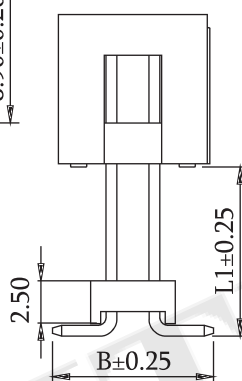
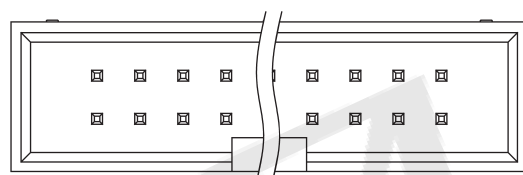
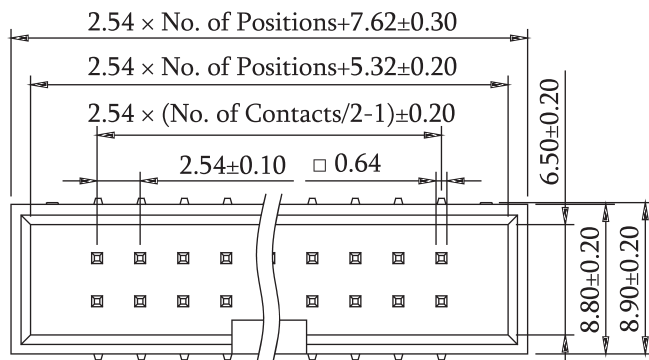
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

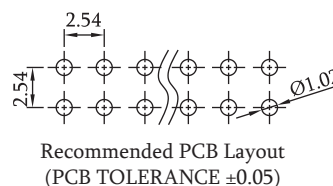
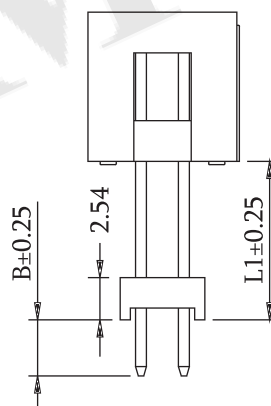
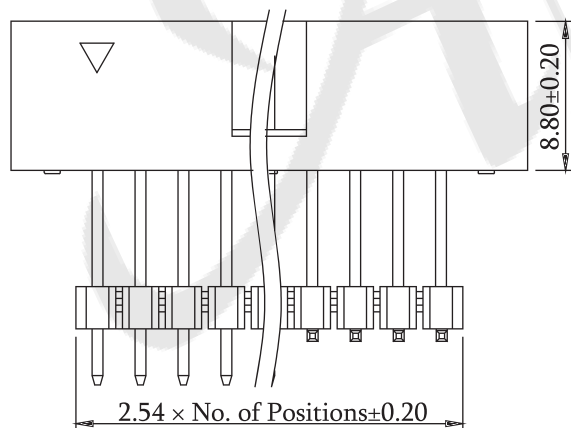
Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5BH1EMX88-XXU



P/N.:5BH1ESX88-XX



ORDER INFORMATION

5	B	H	1	X	X	A	8	8	-	X	X	X	X	5	X	U	L1/B
EM:Elevated SMT ES:Elevated DIP							Plastic Height 88:H=8.8mm			No. of Contacts (06~64)			5:W/O Peg W/O Ejector		L:RoHS + PBT U:RoHS + Hi-Temp For SMT U option Only		EX:039028 L1:3.90(039) B:2.80(028)
													A:Tray W/O Cap T:Tube W/O Cap				
										G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated			S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"				

©:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:5BH1EM/S

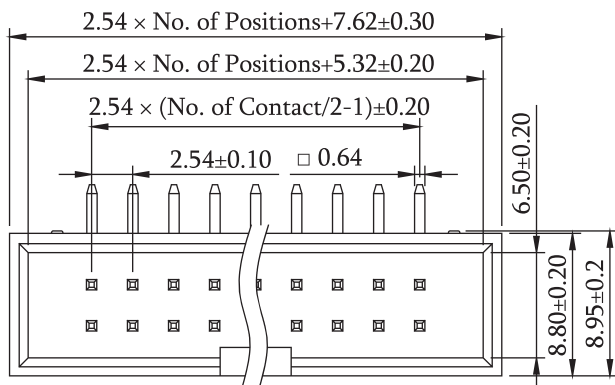
Box Header 2.54mm H=13.6mm Right Angle / Straight Type

Specifications

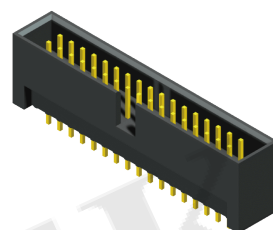
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

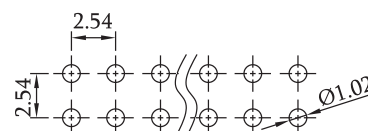
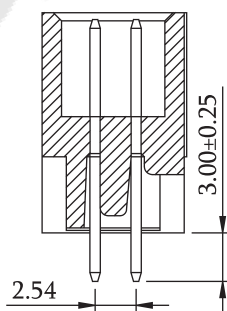
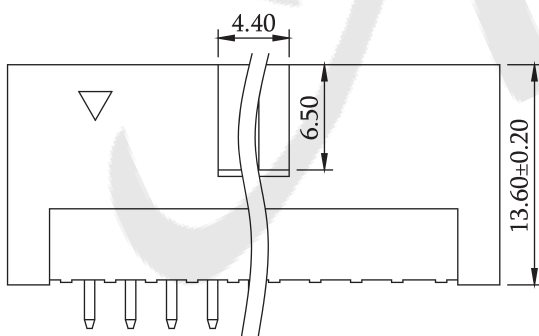
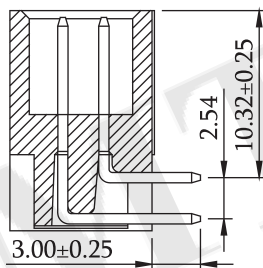
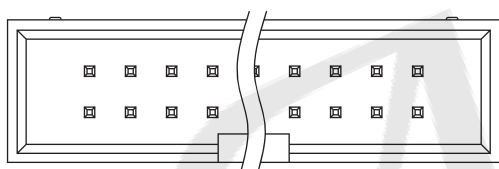
Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5BH1RDXD6-XX



P/N.:5BH1SDXD6-XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	B	H	1	X	X	X	D	6	-	X	X	X	X	5	X	X	X	X
RD:R/A DIP SD:Straight DIP							Plastic Height D6:H=13.6mm			No. of Contacts (06~64)			5:W/O Peg W/O Ejector		L:RoHS + PBT U:RoHS + Hi-Temp		Ex:039028 L1:3.9(039) B:2.8(028)	
G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated							S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"							A:Tray W/O Cap T:Tube W/O Cap				

©:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:5BH1AR/S

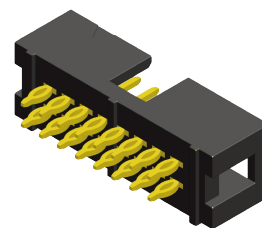
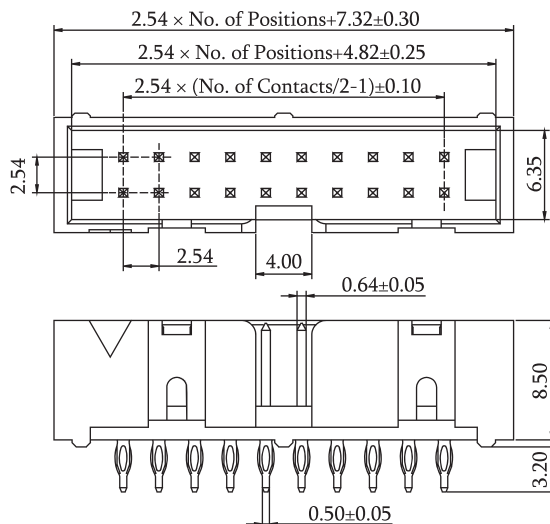
Box Header 2.54mm Press Fit Type

Specifications

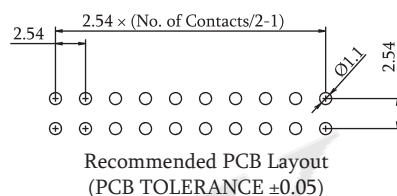
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5BH1FSXNN-XX



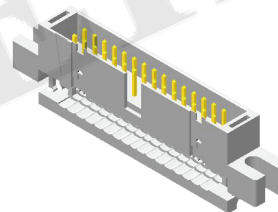
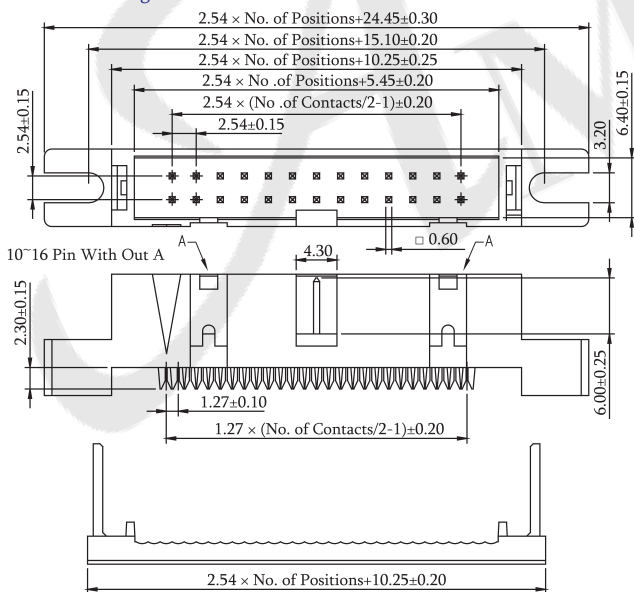
Box Header 2.54mm IDC Type

Specifications

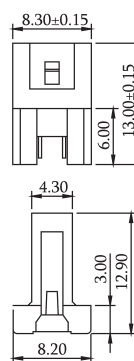
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5BH1ISXNN-XX



ORDER INFORMATION

5 B H 1 X X X N N -

FS: Press Fit DIP
IS: IDC Type

X X

No. of Contacts
(10~64)

X X

G0: Gold Flash
GA: Au 5u"
GB: Au 10u"
GC: Au 20u"
GD: Au 30u"
T0: Tin Plated
S0: Selective Au
SA: Selective Au 5u"
SB: Selective Au 10u"
SC: Selective Au 20u"
SD: Selective Au 30u"
TE: Tin 200u"

X

A: Tray W/O Cap
T: Tube W/O Cap

X

L: RoHS + PBT
U: RoHS + Hi-Temp

5: W/O Peg W/O Ejector
For Press Fit Type
7: With Ear, With SR
8: With Ear, W/O SR
9: W/O Ear, With SR
A: W/O Ear, W/O
For IDC Plug Type

◎: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: BH1FS
BH1I

Ejector Header 2.54mm SMT / Right Angle / Straight Type

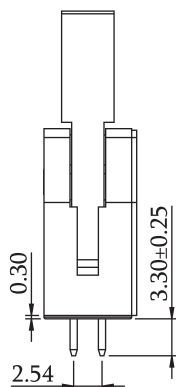
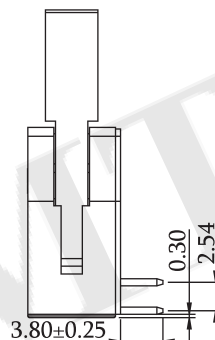
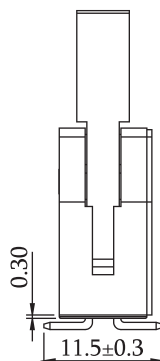
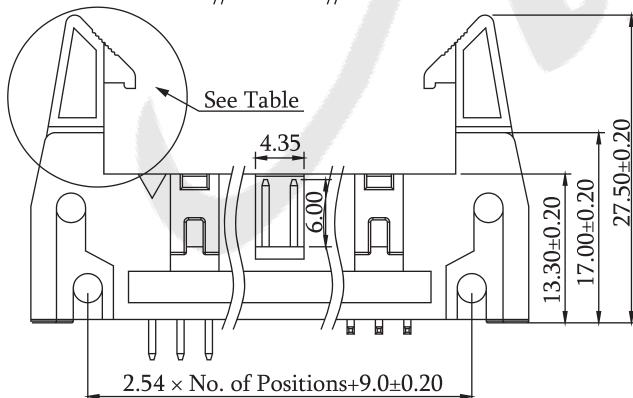
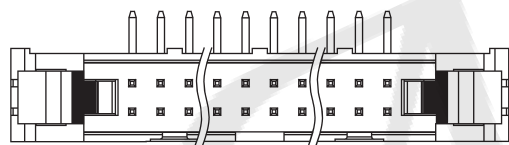
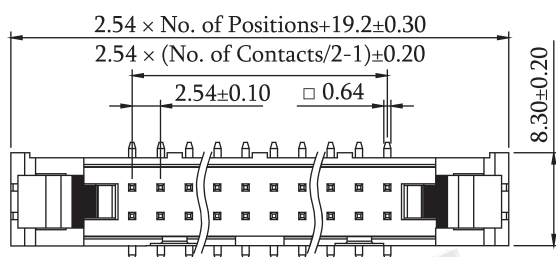
Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

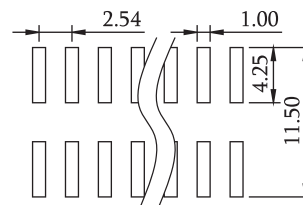
Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

	5EH1MSDNN	5EH1RDANN	5EH1SDDNN
Long Ejector			
Short Ejector			



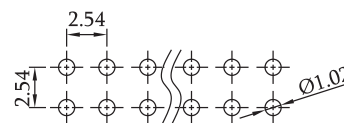
P/N.:5EH1MSXNN-XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5EH1RDXNN-XX

P/N.:5EH1SDXNN-XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5 E H 1 X X X N N -

X X

X X

X

X

X

MS:SMT Straight
RD:R/A DIP
SD:Straight DIP

No. of Contacts
(10~64)

G0:Gold Flash
GA:Au 5u"
GB:Au 10u"
GC:Au 20u"
GD:Au 30u"
T0:Tin Plated
S0:Selective Au
SA:Selective Au 5u"
SB:Selective Au 10u"
SC:Selective Au 20u"
SD:Selective Au 30u"
TE:Tin 200u"

1:W/O Peg Long Ejector
3:W/O Peg Short Ejector

A:Tray W/O Cap
T:Tube W/O Cap

L:RoHS + PBT
U:RoHS + Hi-Temp

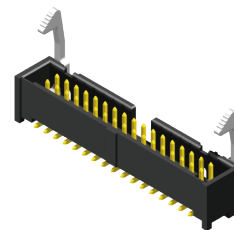
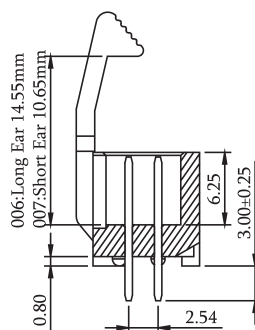
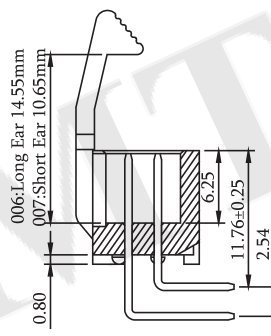
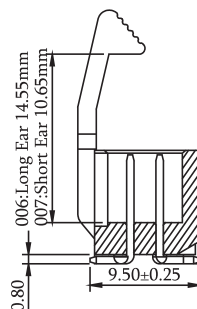
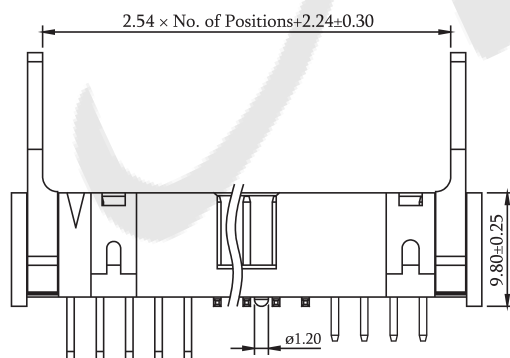
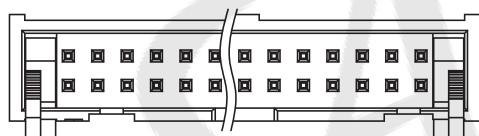
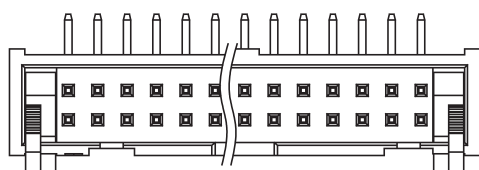
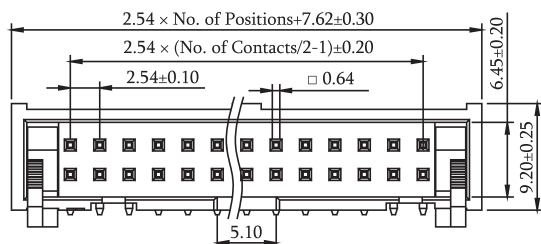
Ejector Header 2.54mm Side Latch SMT / Right Angle / Straight Type

Specifications

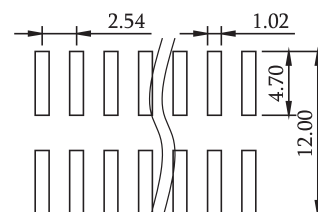
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

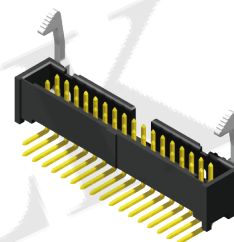
Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



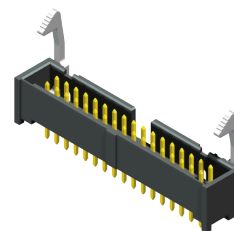
P/N.:5EL1MSXNN-XX



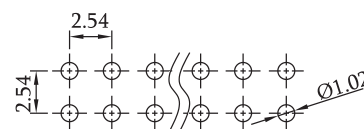
Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5EL1RDXNN-XX



P/N.:5EL1SDXNN-XX



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5 E L 1 X X X N N -

MS:SMT Straight
RD:R/A DIP
SD:Straight DIP

X X

No. of Contacts
(10~64)

X X

G0:Gold Flash
GA:Au 5u"
GB:Au 10u"
GC:Au 20u"
GD:Au 30u"
T0:Tin Plated
S0:Selective Au
SA:Selective Au 5u"
SB:Selective Au 10u"
SC:Selective Au 20u"
SD:Selective Au 30u"
TE:Tin 200u"

X

1:W/O Peg Long Ejector
3:W/O Peg Short Ejector

X

L:RoHS + PBT
U:RoHS + Hi-Temp
For SMT U Option Only

U

A:Tray W/O Cap
T:Tube W/O Cap

◎:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

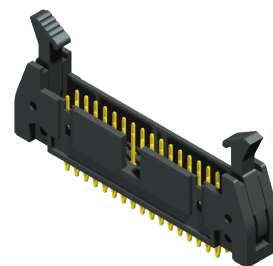
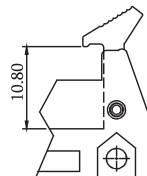
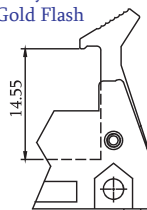
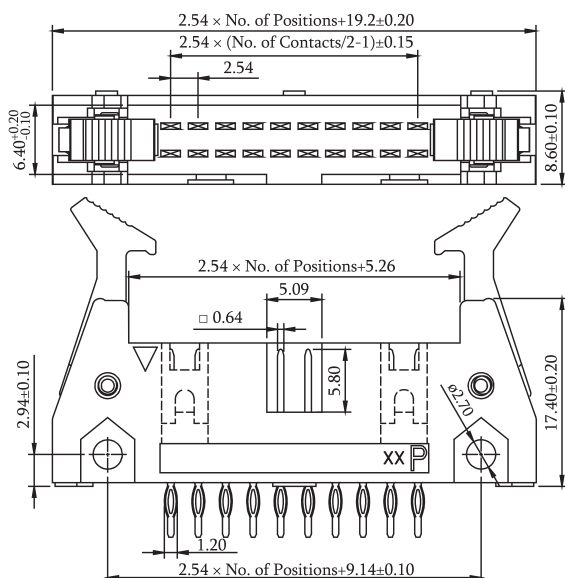
Ejector Header 2.54mm Press Fit Type

Specifications

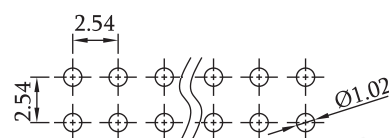
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5EH1FSXNN-XXL



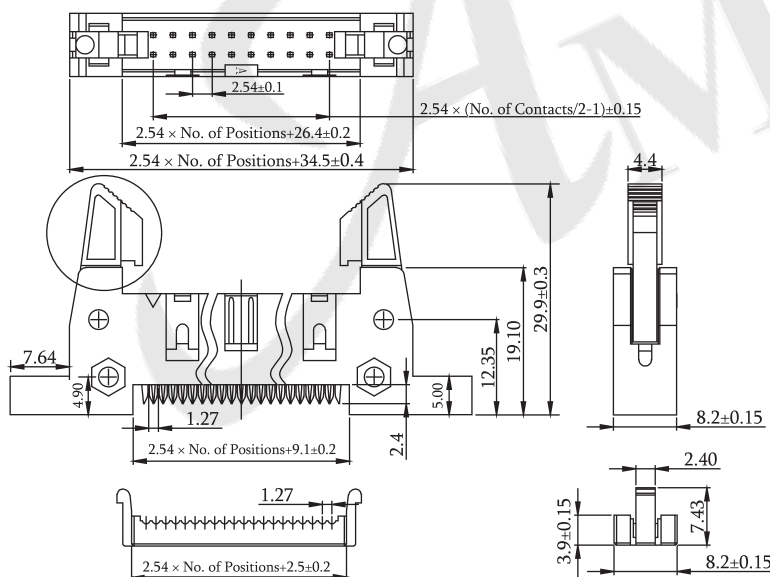
Ejector Header 2.54mm IDC Type

Specifications

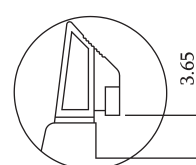
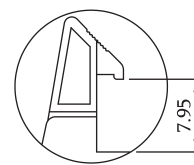
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5EH1ISXNN-XXL



ORDER INFORMATION

5 E H 1 X X X N N -

FS: Press Fit
IS: IDC Type

X X

No. of Contacts
(06~64)

X X

1: W/O Peg Long Ejector
3: W/O Peg Short Ejector

X

A: Tray W/O Cap

L

L: RoHS + PBT

X X

01: With Ear
(For 5EH1ISXXX)
02: W/O Ear

G0: Gold Flash	S0: Selective Au
GA: Au 5u"	SA: Selective Au 5u"
GB: Au 10u"	SB: Selective Au 10u"
GC: Au 20u"	SC: Selective Au 20u"
GD: Au 30u"	SD: Selective Au 30u"
TE: Tin Plated	TE: Tin 200u"

©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts.
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: EDH1FS
EDH1I

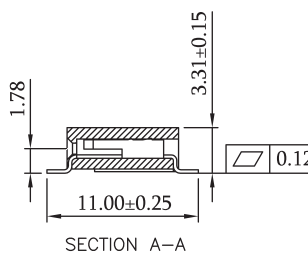
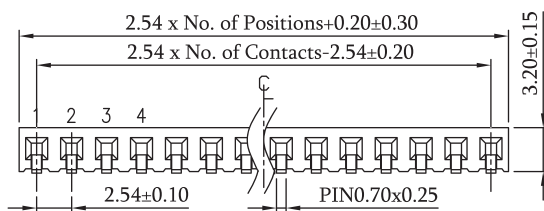
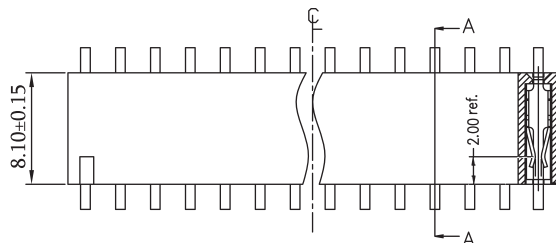
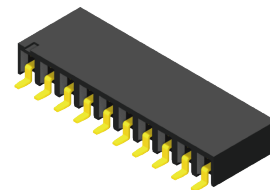
Female Header 2.54mm 1 Row H=3.2 Side Entry SMT Type

Specifications

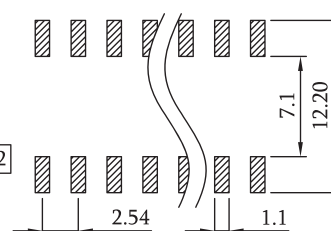
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1MHA32-1XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

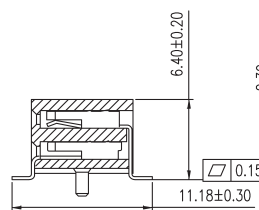
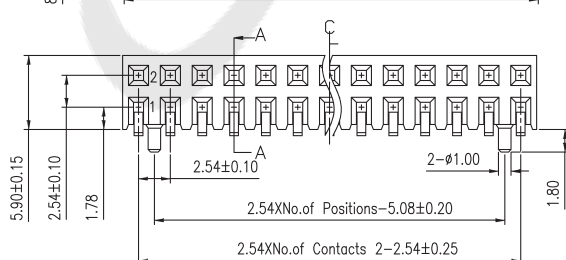
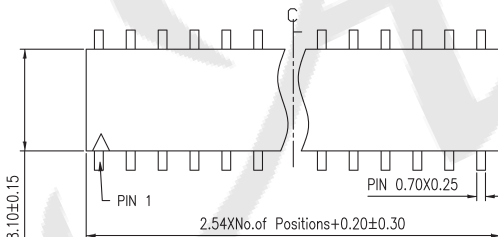
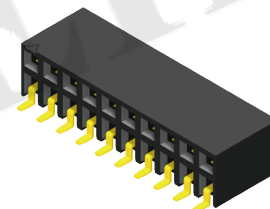
Female Header 2.54mm 2 Row H=5.9 Side Entry SMT Type

Specifications

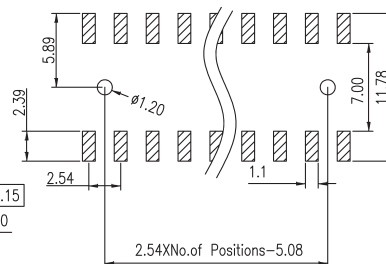
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1MHA59-2XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	S	1	M	H	X	X	X	-	X	X	X	X	N	X	N	X	U					
MH:SMT Side Entry						Plastic Height 32:H=3.2mm 59:H=5.9mm		1:Single Row 2: Dual Row		No. of Contacts Per Row (02~40)		G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated		S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"		N:W/O Bump N:W/O Peg P:With Peg For Dual Row Only		T:Tube W/O Cap C:Tube With Cap H:T/R W/O Cap R:T/R With Cap		N:Non Type		U:RoHS + Hi-Temp	

◎:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PS1MS-1/2

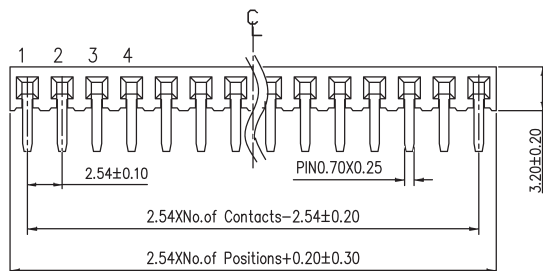
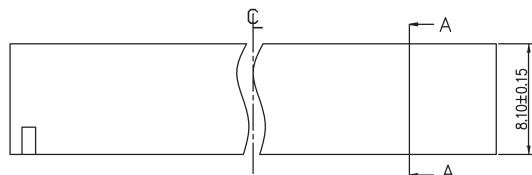
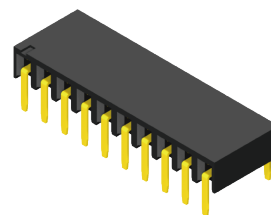
Female Header 2.54mm 1 Row H=3.2 Side Entry Straight Type

Specifications

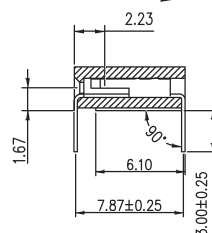
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

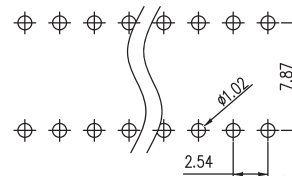


PIN Insertion direction



SECTION A-A

P/N: 5PS1SHA32-1XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

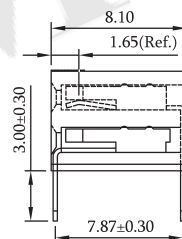
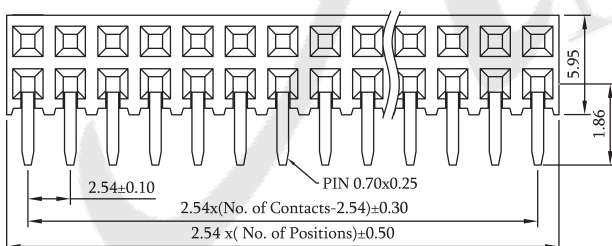
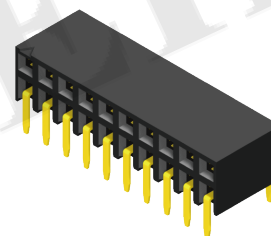
Female Header 2.54mm 2 Row H=5.9 Side Entry Straight Type

Specifications

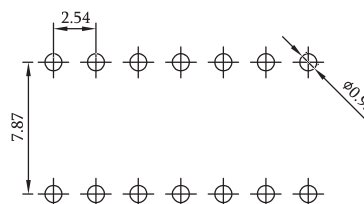
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N: 5PS1SHA59-2XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	S	1	S	H	A	X	X	-	X	X	X	X	N	N	N	X	U
SH: DIP Side Entry						Plastic Height 32: H=3.2mm 59: H=5.9mm			No. of Contacts Per Row (02~40)		1: Single Row 2: Dual Row		G0: Gold Flash GA: Au 5u" GB: Au 10u" GC: Au 20u" GD: Au 30u" TD: Tin Plated		S0: Selective Au SA: Selective Au 5u" SB: Selective Au 10u" SC: Selective Au 20u" SD: Selective Au 30u" TE: Tin 200u"		N: W/O Bump N: W/O Peg N: Non Type U: RoHS + Hi-Temp	

©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts.
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PS1MS-1/2
PS1RS-1/2

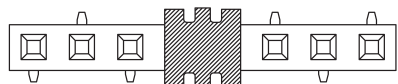
Female Header 2.54mm 1 Row H=3.55mm SMT Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

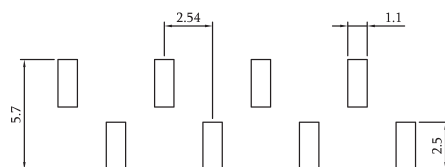
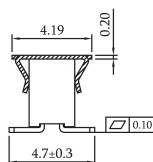
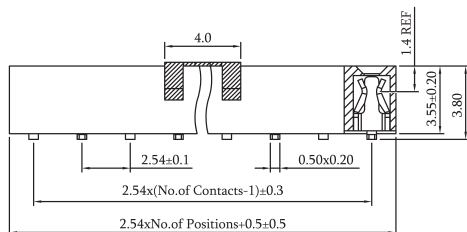
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



B Type



A Type



A Type

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PS1MSB35-1XXU

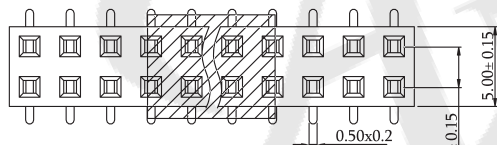
Female Header 2.54mm 2 Row H=3.55mm SMT Type

Specifications

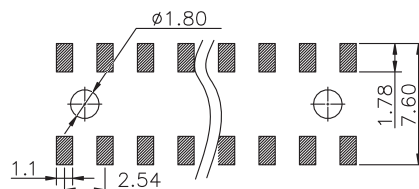
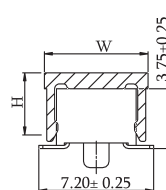
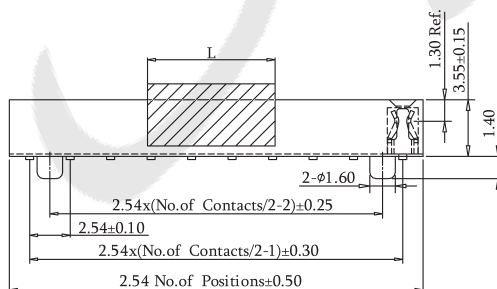
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Cap	L	W	H1(Ref.)
>4Pin	8.0	6.5	3.8
≤4Pin	5.2	6.5	4.3



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PS1MSF35-2XXU

ORDER INFORMATION

5	P	S	1	M	S	X	3	5	-	X	X	X	X	N	X	X	X	U	
MS:SMT Straight						Plastic Height 35:H=3.55mm			1:Single Row 2:Dual Row		No. of Contacts Per Row (02~40)		N:W/O Bump		N:W/O Peg P:With Peg For Dual Row Only		T:Tube W/O Cap C:Tube With Cap H:T/R W/O Cap R:T/R With Cap		U:RoHS + Hi-Temp
											G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated		S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"		A:A Type B:B Type For Single Row Only N:Non Type For Dual Row Only				

◎: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PS1M35-1/2

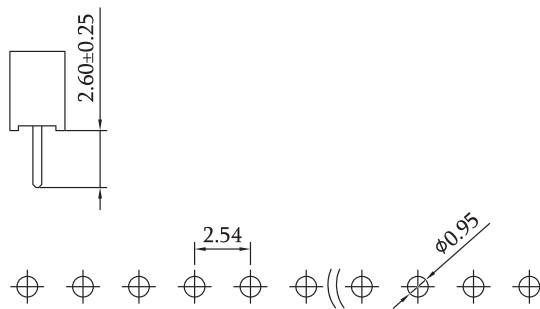
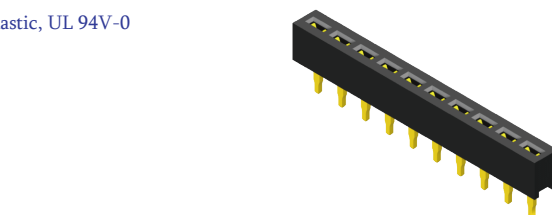
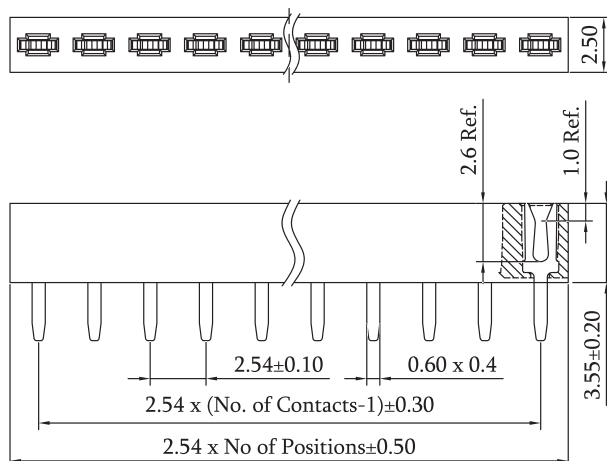
Female Header 2.54mm 1 Row H=3.55mm Y Contact Straight Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PS1SDA35-1XXU

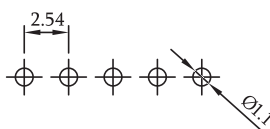
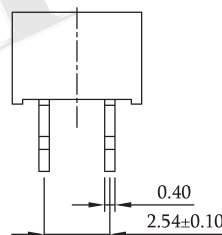
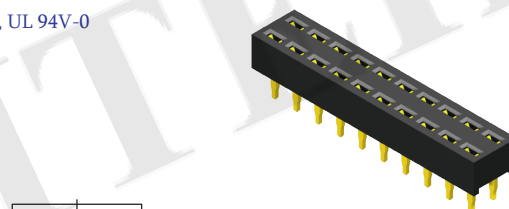
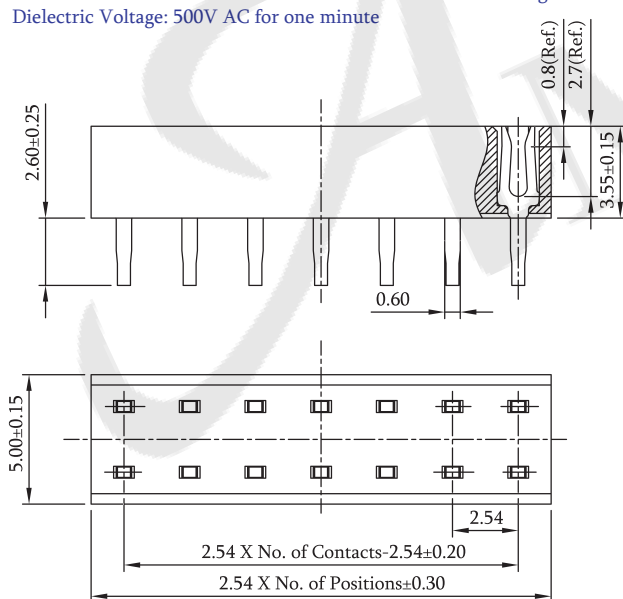
Female Header 2.54mm 2 Row H=3.55mm Y Contact Straight Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PS1SDA35-2XXU

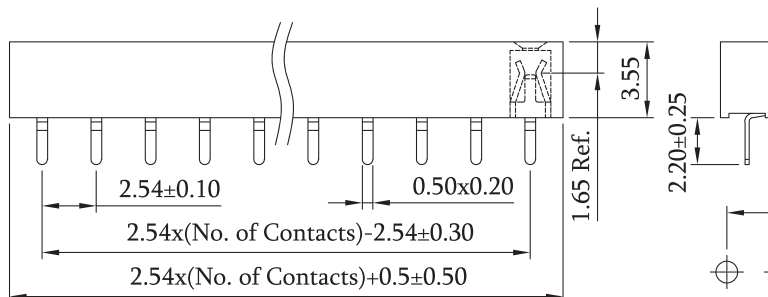
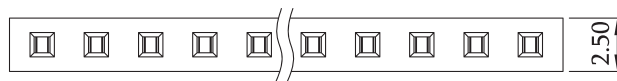
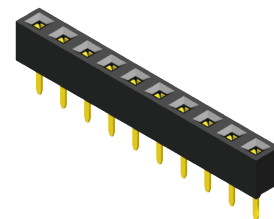
ORDER INFORMATION

5	P	S	1	S	D	A	3	5	-	X	X	X	X	N	N	N	X	U		
SD: Straight DIP Y Contact For Plastic Height=3.55mm Only						Plastic Height 35:H=3.55mm			No. of Contacts Per Row (02~40)		1: Single Row 2: Dual Row		G0: Gold Flash GA: Au 5u" GB: Au 10u" GC: Au 20u" GD: Au 30u" T0: Tin Plated		S0: Selective Au SA: Selective Au 5u" SB: Selective Au 10u" SC: Selective Au 20u" SD: Selective Au 30u" TE: Tin 200u"		N: W/O Bump N: W/O Peg N: Non Type		T: Tube W/O Cap C: Tube With Cap H: T/R W/O Cap R: T/R With Cap X: Box B: Bag U: RoHS + Hi-Temp	

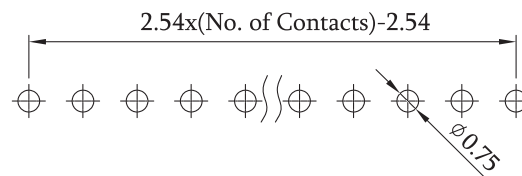
©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts.
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PS1S35-1/2

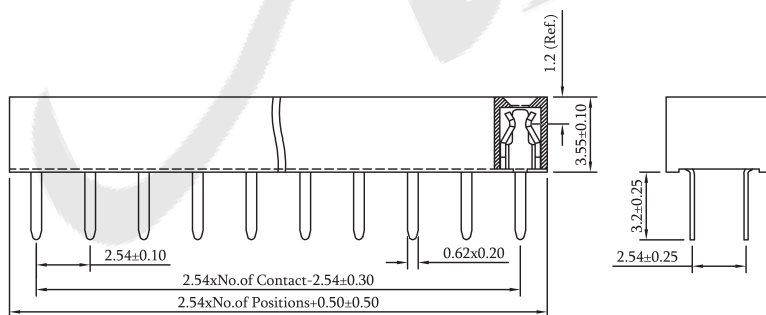
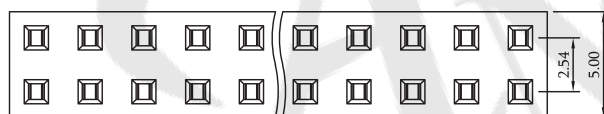
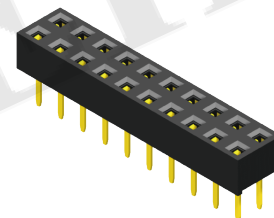
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1SUB35-1XXU



Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1SUB35-2XXU

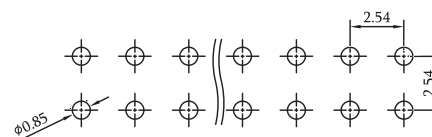


Diagram illustrating the 10-pin header pin configuration with callouts for various options:

- SU:** Straight DIP Multi Contact
- 3 5 -** Plastic Height 35:H=3.55mm
- X** 1: Single Row, 2: Dual Row
- X X** No. of Contacts Per Row (02~40)
- X X** (No callout)
- N** N:W/O Bump
- N** N:W/O Peg
- N** N:Non Type
- T** T:Tube W/O Cap
- U** U:RoHS + Hi-Temp

G0:Gold Flash	S0:Selective Au
GA:Au 5u"	SA:Selective Au 5u"
GB:Au 10u"	SB:Selective Au 10u"
GC:Au 20u"	SC:Selective Au 20u"
GD:Au 30u"	SD:Selective Au 30u"
TO:Tin Plated	TE:Tin 200u"

2-131

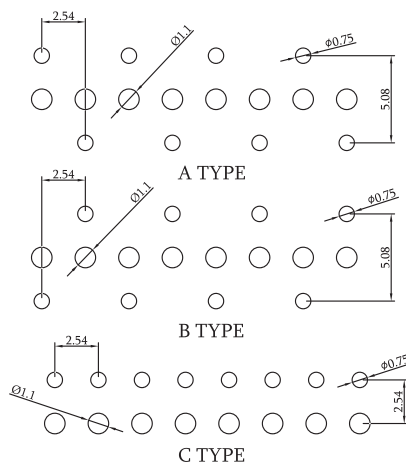
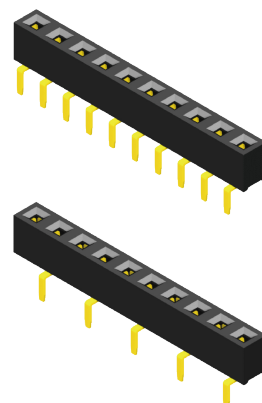
Female Header 2.54mm 1 Row H=3.55mm Bottom Entry

Specifications

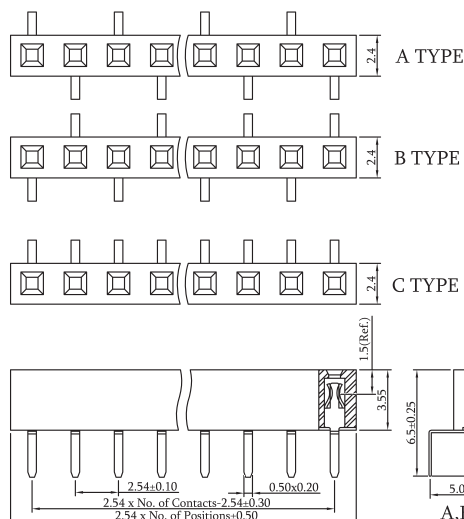
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

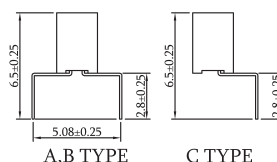
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)



P/N.:5PS1BSB35-1XXU



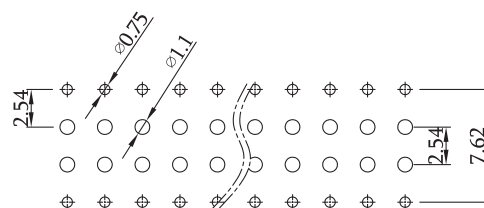
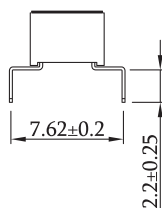
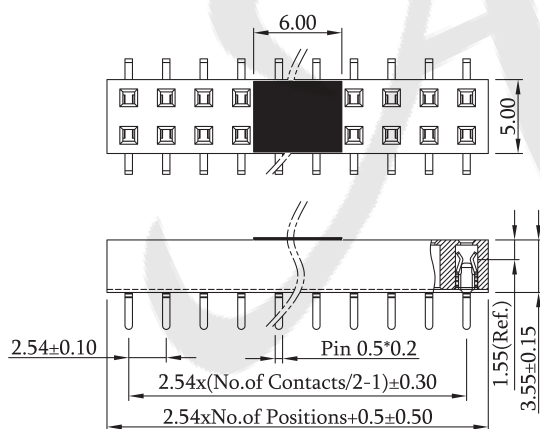
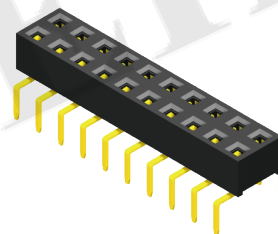
Female Header 2.54mm 2 Row H=3.55mm Bottom Entry

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

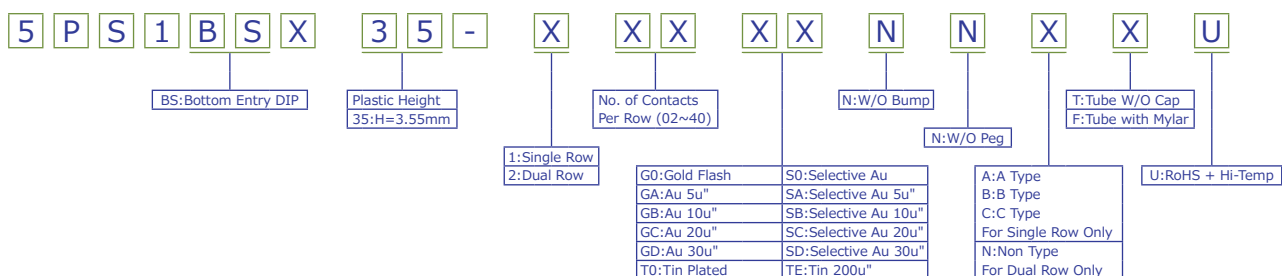
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

P/N.:5PS1BSC35-2XXU

ORDER INFORMATION



●:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PS1B35-1/2

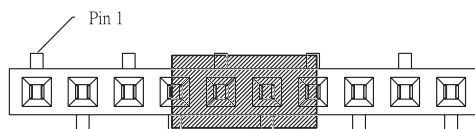
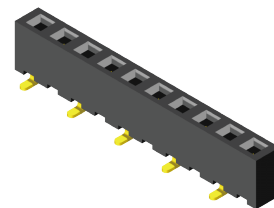
Female Header 2.54mm 1 Row H=4.5mm SMT Type

Specifications

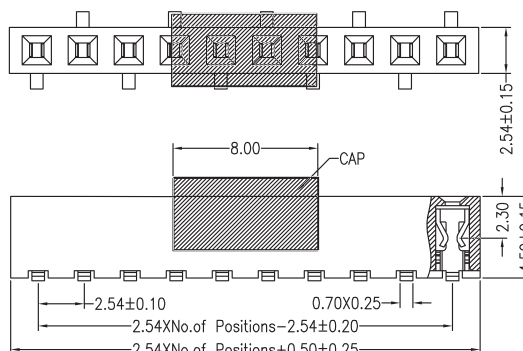
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

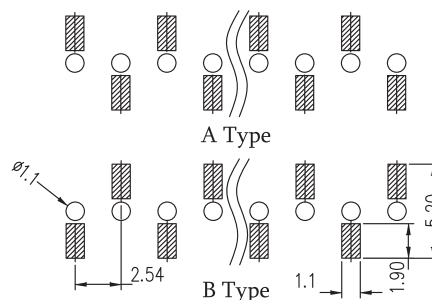
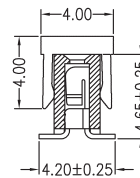
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



A Type



B Type



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PS1MSA45-1XXU

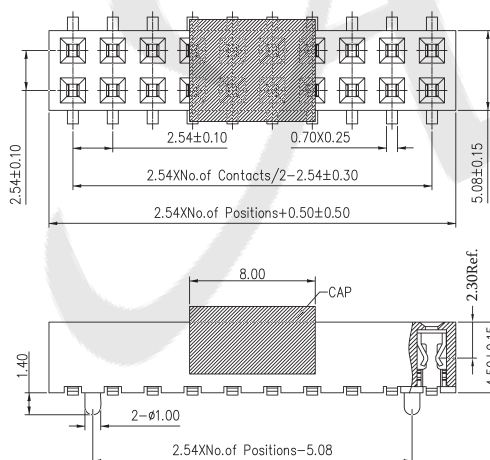
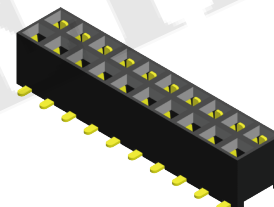
Female Header 2.54mm 2 Row H=4.5mm SMT Type

Specifications

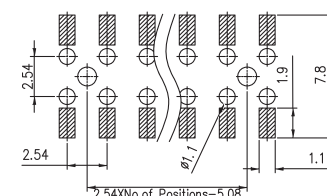
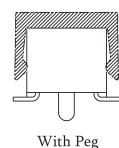
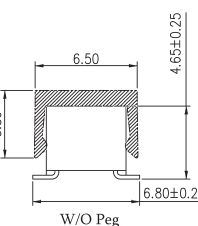
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Special CAP for 2*2P-2*4P



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PS1MSA45-2XXU

ORDER INFORMATION

5	P	S	1	M	S	A	4	5	-	X	X	X	X	N	X	X	X	U					
MS:SMT Straight						Plastic Height 45:H=4.5mm		1:Single Row 2:Dual Row		No. of Contacts Per Row (01~40)		G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated		N:W/O Bump N:W/O Peg P:With Peg For Dual Row Only		S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"		A:A Type B:B Type For Single Row Only N:Non Type For Dual Row Only		T:Tube W/O Cap C:Tube With Cap H:T/R W/O Cap R:T/R With Cap		U:RoHS + Hi-Temp	

◎: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PS1M45-1/2

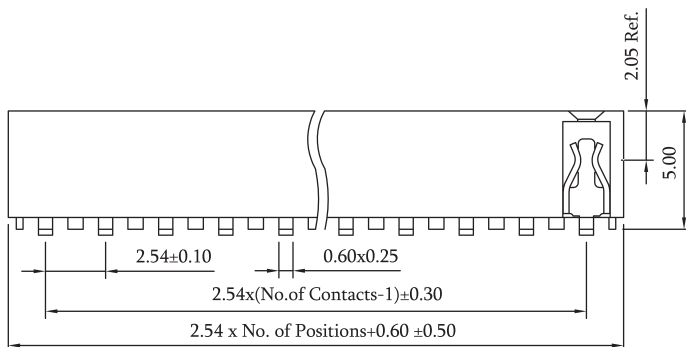
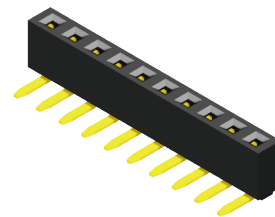
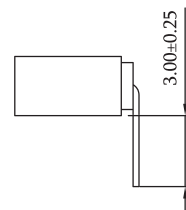
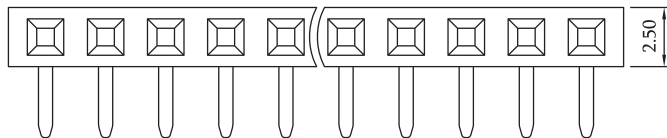
Female Header 2.54mm 1 Row H=5.0mm Right Angle Type

Specifications

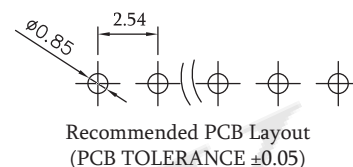
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1RDB50-1XXU/L



Female Header 2.54mm 2 Row H=5.0mm Straddle Type With Bump

Specifications

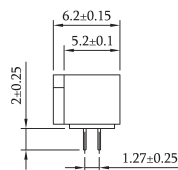
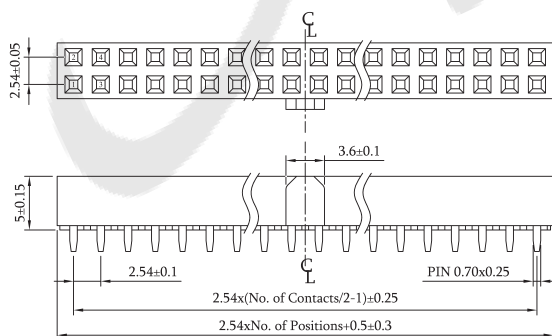
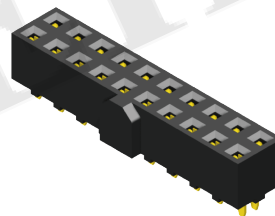
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5PS1KSA50-2XXU

ORDER INFORMATION

5

P

S

1

X

X

X

RD:R/A DIP

KS:Straddle

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

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SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

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S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

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GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

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S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u"

SC:Selective Au 20u"

SD:Selective Au 30u"

TE:Tin 200u"

©:Standard Recommended

5

0

-

Plastic Height

50:H=5.0mm

X

1:Single Row

2:Dual Row

X

X

No. of Contacts

Per Row (02~40)

X

X

N:W/O Bump

For Single Row Only

B:With Bump

For Dual Row Only

X

N:W/O Peg

N

N:Non Type

N

X

L:RoHS + PBT

U:RoHS + Hi-Temp

X

T:Tube W/O Cap

C:Tube With Cap

H:T/R W/O Cap

R:T/R With Cap

G0:Gold Flash

GA:Au 5u"

GB:Au 10u"

GC:Au 20u"

GD:Au 30u"

T0:Tin Plated

S0:Selective Au

SA:Selective Au 5u"

SB:Selective Au 10u

©:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PS1R50-1
PS1K50B-2

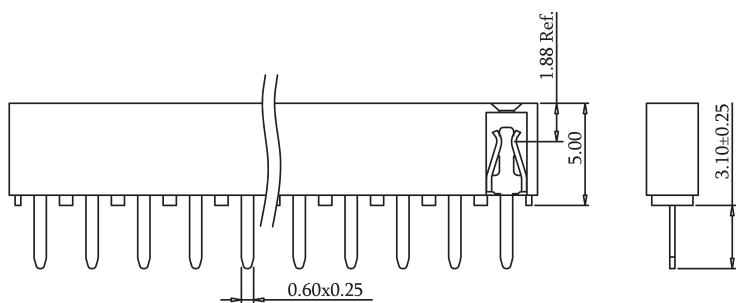
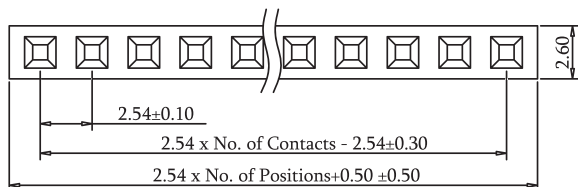
Female Header 2.54mm 1 Row H=5.0mm Straight Type

Specifications

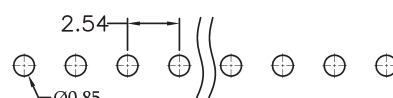
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.: 5PS1SDB50-1XXU/L



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

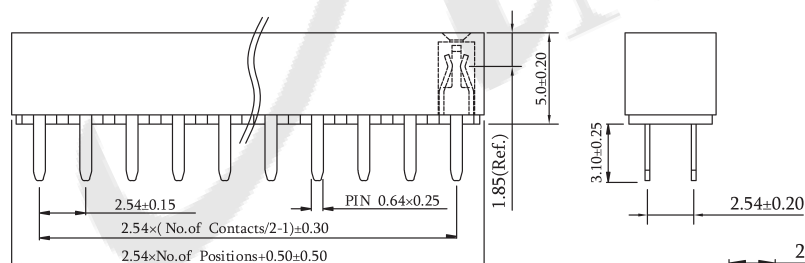
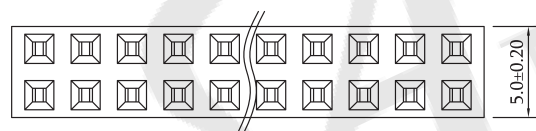
Female Header 2.54mm 2 Row H=5.0mm Straight Type

Specifications

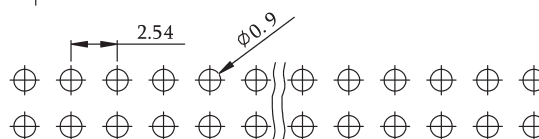
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.: 5PS1SDB50-2XXU/L



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

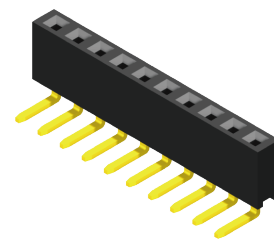
5	P	S	1	S	D	B	5	0	-	X	X	X	X	N	N	N	X	U	
SD: Straight DIP						Plastic Height 50: H=5.0mm				No. of Contacts Per Row (02~40)				N: W/O Bump		N: W/O Peg		T: Tube W/O Cap C: Tube With Cap H: T/R W/O Cap R: T/R With Cap X: Box	
								1: Single Row 2: Dual Row										N: Non Type	
												G0: Gold Flash GA: Au 5u" GB: Au 10u" GC: Au 20u" GD: Au 30u" T0: Tin Plated		S0: Selective Au SA: Selective Au 5u" SB: Selective Au 10u" SC: Selective Au 20u" SD: Selective Au 30u" TF: Tin 200u"				L: RoHS + PBT U: RoHS + Hi-Temp	

©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts.
The option in the catalog for reference only, please contact with Amtek for more details.

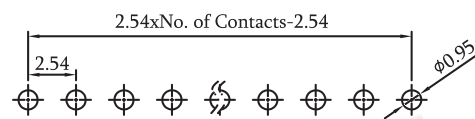
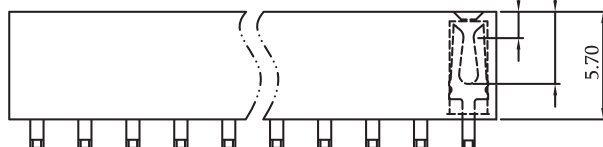
Old P/N: PS1S50-1/2

www.amtek-co.com.tw

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Technical drawing of a mechanical part showing dimensions 1.10 ± 0.15 and 3.20 ± 0.25 .



Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

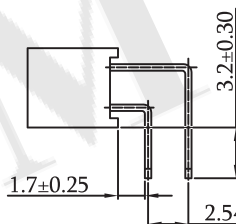
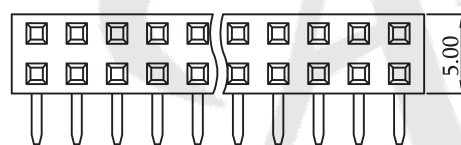
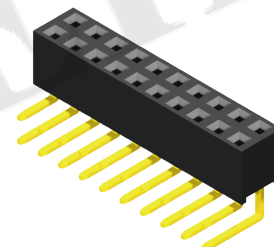
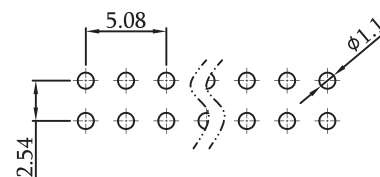


Figure 1: Dimensions of the test fixture. The diagram shows a cross-section of a test fixture with multiple contacts. Key dimensions include: contact width 0.65×0.4 , contact pitch 2.54 ± 0.1 , contact spacing $2.54 \times (\text{No. of Contacts} / 2 - 1) \pm 0.3$, total contact length $2.54 \times \text{No. of Positions} + 0.5 \pm 0.5$, and a vertical dimension of 5.70. Two reference points are marked: 2.1 REF and 4.3 REF.



G0:Gold Flash	S0:Selective Au
GA:Au 5u"	SA:Selective Au 5u"
GB:Au 10u"	SB:Selective Au 10u"
GC:Au 20u"	SC:Selective Au 20u"
GD:Au 30u"	SD:Selective Au 30u"
TD:Tin Plated	TF:Tin 200u"

2-139

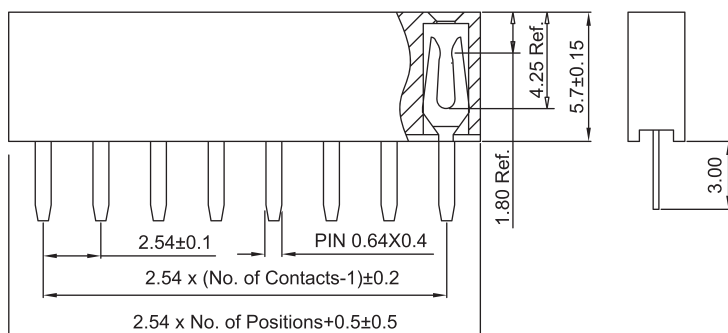
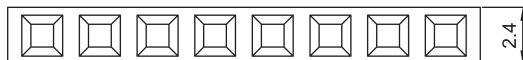
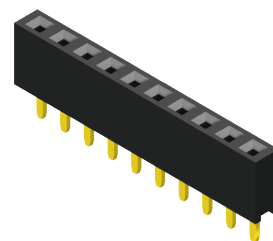
Female Header 2.54mm 1 Row H=5.7mm Straight Type

Specifications

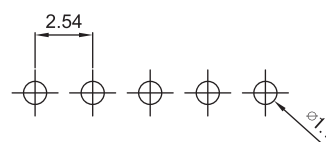
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1SDA57-1XXU/L



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

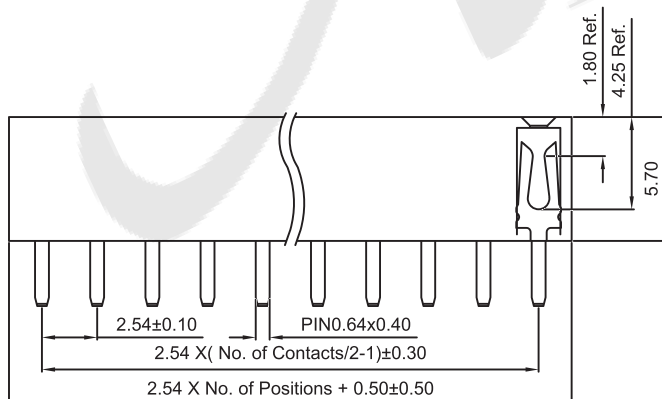
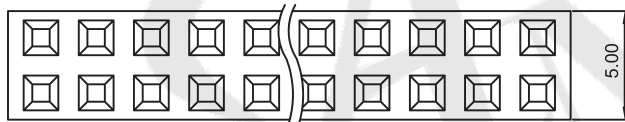
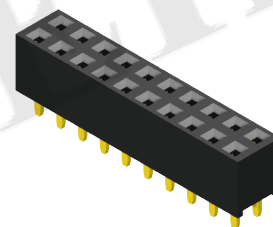
Female Header 2.54mm 2 Row H=5.7mm Straight Type

Specifications

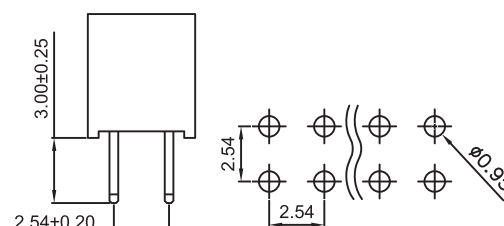
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1SDA57-2XXU/L



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

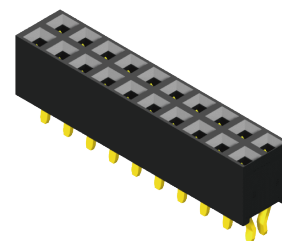
ORDER INFORMATION

5	P	S	1	S	D	A	5	7	-	X	X	X	X	N	N	N	X	X	
SD: Straight DIP						Plastic Height 57:H=5.7mm				No. of Contacts Per Row (02~40)				N:W/O Bump		N:W/O Peg		A:Tray W/O Cap T:Tube W/O Cap H:T/R W/O Cap X:Box	
								1:Single Row 2:Dual Row								N:Non Type		L:RoHS + PBT U:RoHS + Hi-Temp	
										G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated		S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TF:Tin 200u"							

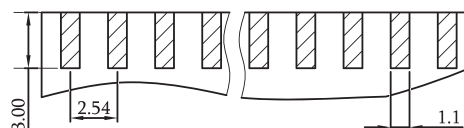
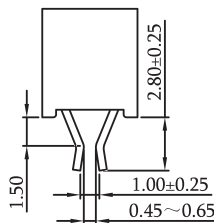
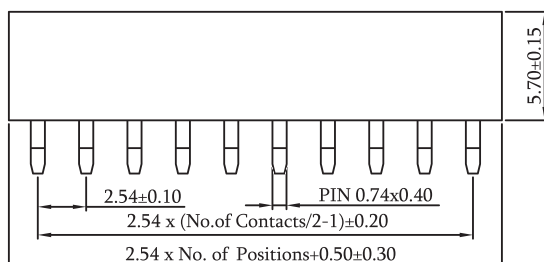
©:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PS1S57-1/2

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



	5.00±0.15
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Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

Insulator: P.B.T, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash

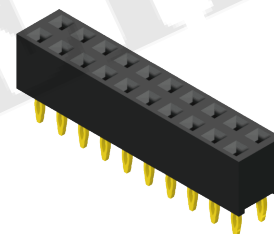
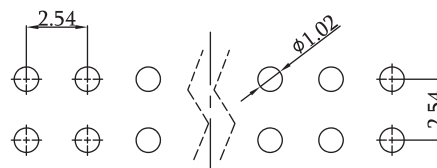
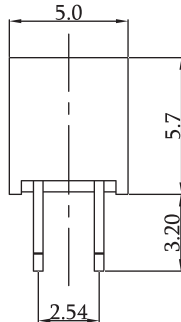


Diagram illustrating the layout of a 2xN pin header. The top part shows a 2xN grid of square pins. A dimension line above indicates $2.54 \times \text{No. of Positions}$. The bottom part shows a 2xN grid of oval pins. A dimension line below indicates $2.54 \times (\text{No. of Contacts} / 2 - 1)$.



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

Diagram illustrating the pinout of a 12-pin connector. The pins are labeled 1 through 12, with specific functions assigned to certain pins:

- Pin 4: KS:Straddle, FS:Press Fit
- Pin 5: Plastic Height 57:H=5.7mm
- Pin 6: 2: Dual Row
- Pin 7: No. of Contacts Per Row (02~40)
- Pin 9: N:W/O Bump
- Pin 10: N:W/O Peg
- Pin 11: A: Tray W/O Cap, T: Tube W/O Cap, C: Tube With Cap, H: T/R W/O Cap

G0:Gold Flash	S0:Selective Au
GA:Au 5u"	SA:Selective Au 5u"
GB:Au 10u"	SB:Selective Au 10u"
GC:Au 20u"	SC:Selective Au 20u"
GD:Au 30u"	SD:Selective Au 30u"
TO:Tip Plated	TF:Tip 200u"

N:Non Type	U:RoHS + Hi-Temp For 5PS1KSA57 Only
	L:RoHS + PBT For 5PS1FSA57 Only

© :Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PS1K57B-2

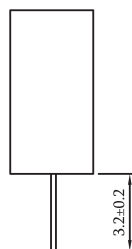
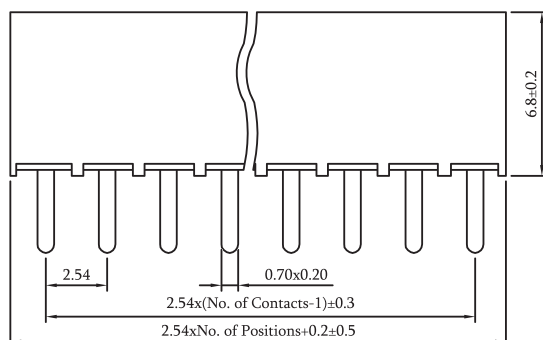
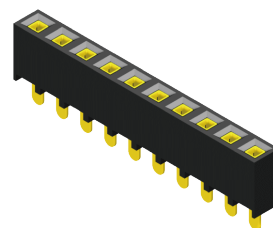
Female Header 2.54mm 1 Row H=6.8mm Straight Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1SDB68-1XXU/L

Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

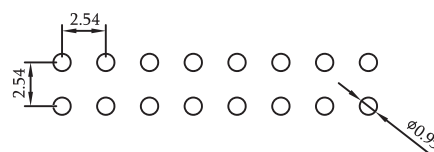
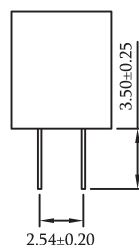
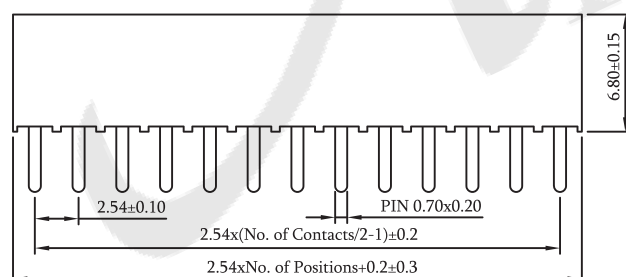
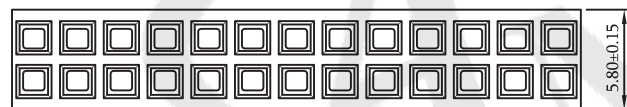
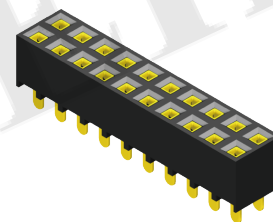
Female Header 2.54mm 2 Row H=6.8mm Straight Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1SDA68-2XXU/L

Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

ORDER INFORMATION

Diagram illustrating the pin configuration and options for a 68-pin connector:

- Pin 1:** S (SD: Straight DIP)
- Pin 2:** D (SD: Straight DIP)
- Pin 3:** X (SD: Straight DIP)
- Pin 4:** P (SD: Straight DIP)
- Pin 5:** S (SD: Straight DIP)
- Pin 6:** 6 (Plastic Height 68:H=6.8mm)
- Pin 7:** 8 (Plastic Height 68:H=6.8mm)
- Pin 8:** - (Plastic Height 68:H=6.8mm)
- Pin 9:** X (1: Single Row, 2: Dual Row)
- Pin 10:** X (No. of Contacts Per Row (02~40))
- Pin 11:** X (No. of Contacts Per Row (02~40))
- Pin 12:** X (No. of Contacts Per Row (02~40))
- Pin 13:** N (N:W/O Bump)
- Pin 14:** N (N:W/O Peg)
- Pin 15:** N (N:W/O Peg)
- Pin 16:** T (T: Tube W/O Cap)
- Pin 17:** X (L: RoHS + PBT, U: RoHS + Hi-Temp)

Options:

- SD: Straight DIP
- Plastic Height 68:H=6.8mm
- 1: Single Row, 2: Dual Row
- No. of Contacts Per Row (02~40)
- N:W/O Bump
- N:W/O Peg
- N:W/O Cap
- L: RoHS + PBT
- U: RoHS + Hi-Temp

●:Standard Recommended
 Tube package is not available for under 1*5 & 2*5 pin counts
 The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PS1S68-1/2

Female Header 2.54mm 1 Row H=7.1mm SMT Type

Specifications

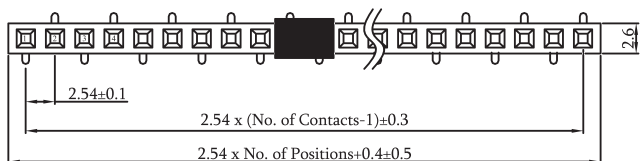
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

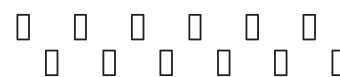
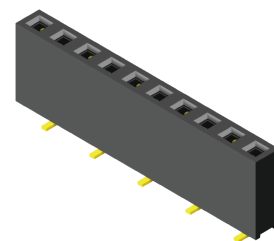
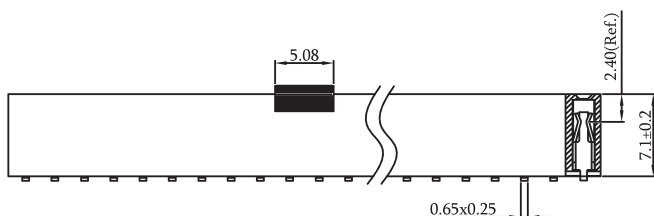
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



A Type



B Type



A Type



B Type

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS1MSB71-1XXU

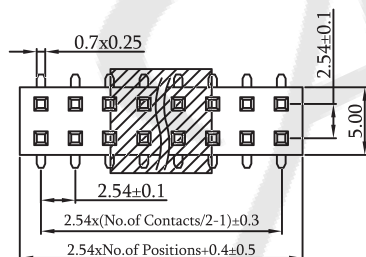
Female Header 2.54mm 2 Row H=7.1mm SMT Type

Specifications

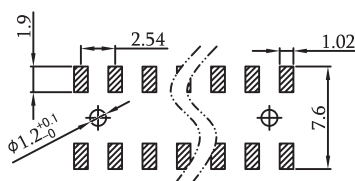
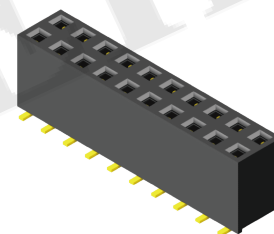
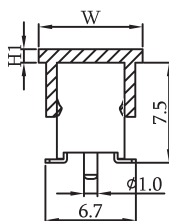
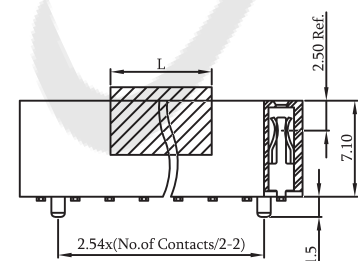
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Cap	L	W	H1(Ref.)
>4Pin	5.2	6.5	1.0
≤4Pin	7.5	7.7	1.0



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS1MSB71-2XXU

ORDER INFORMATION

5	P	S	1	M	S	B	7	1	-	X	X	X	X	N	X	X	X	U
MS:SMT Straight						Plastic Height 71:H=7.1mm			No.of Contacts Per Row (03~40) For Single Row Per Row (02~40) For Dual Row			N:W/O Bump N:W/O Peg P:With Peg For Dual Row Only			T:Tube W/O Cap C:Tube With Cap H:T/R W/O Cap R:T/R With Cap X:Box			U:RoHS + Hi-Temp
						1:Single Row 2:Dual Row		G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated			S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"			A:A Type B:B Type For Single Row Only N:Non Type For Dual Row Only				

◎:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PS1M71-1/2

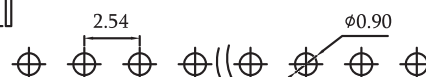
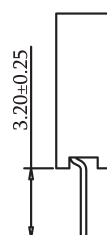
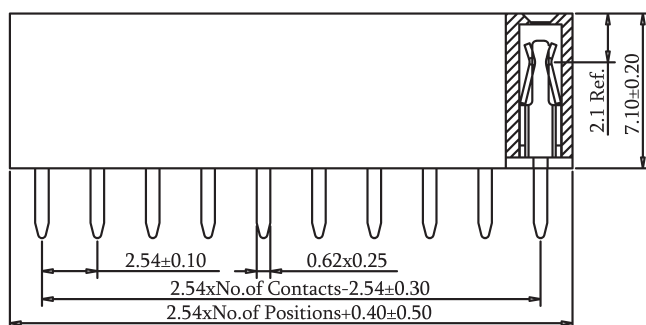
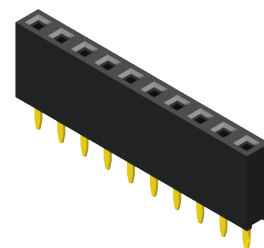
Female Header 2.54mm 1 Row H=7.1mm Straight Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS1SDF71-1XXU/L

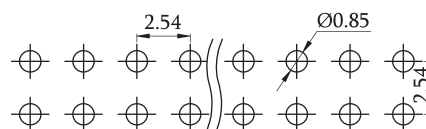
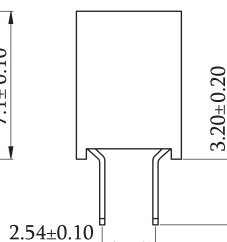
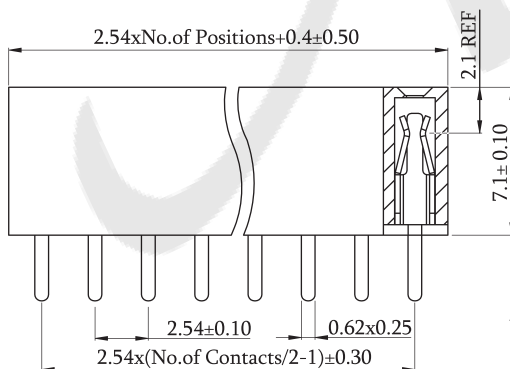
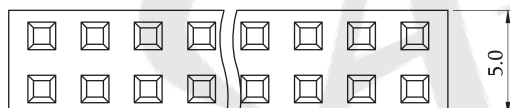
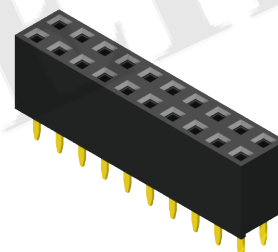
Female Header 2.54mm 2 Row H=7.1mm Straight Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS1SDB71-2XXU/L

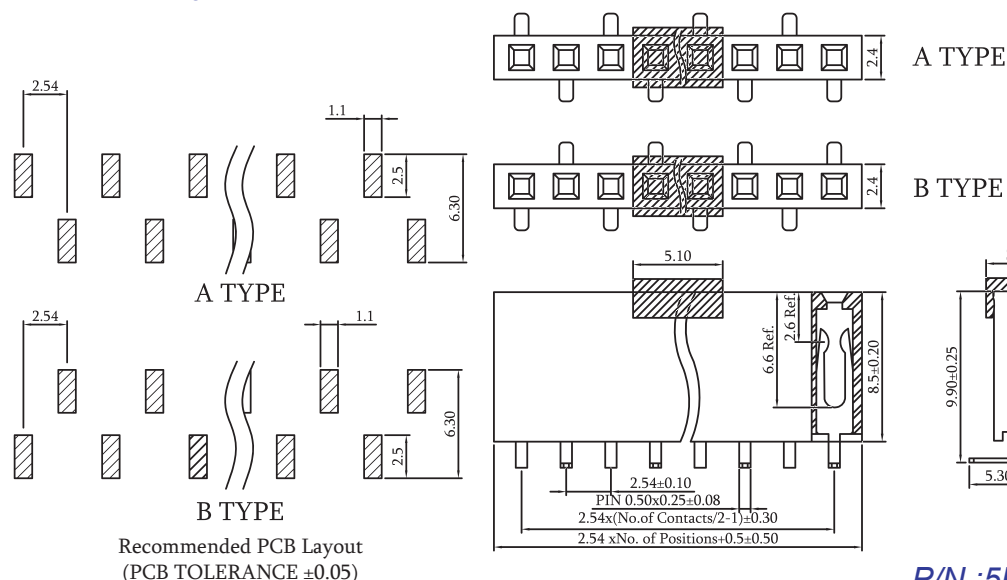
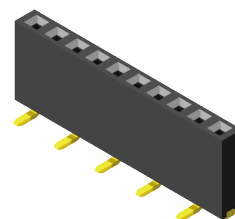
ORDER INFORMATION

5	P	S	1	S	D	X	7	1	-	X	X	X	X	N	N	N	X	X		
SD: Straight DIP						Plastic Height 71:H=7.1mm			No. of Contacts Per Row (02~40)		G0: Gold Flash GA: Au 5u" GB: Au 10u" GC: Au 20u" GD: Au 30u" T0: Tin Plated		S0: Selective Au SA: Selective Au 5u" SB: Selective Au 10u" SC: Selective Au 20u" SD: Selective Au 30u" TE: Tin 200u"		N:W/O Bump N:W/O Peg		T:Tube W/O Cap H:T/R W/O Cap B:Bag X:Box		L:RoHS + PBT U:RoHS + Hi-Temp	
						1:Single Row 2: Dual Row										N:Non Type				

©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

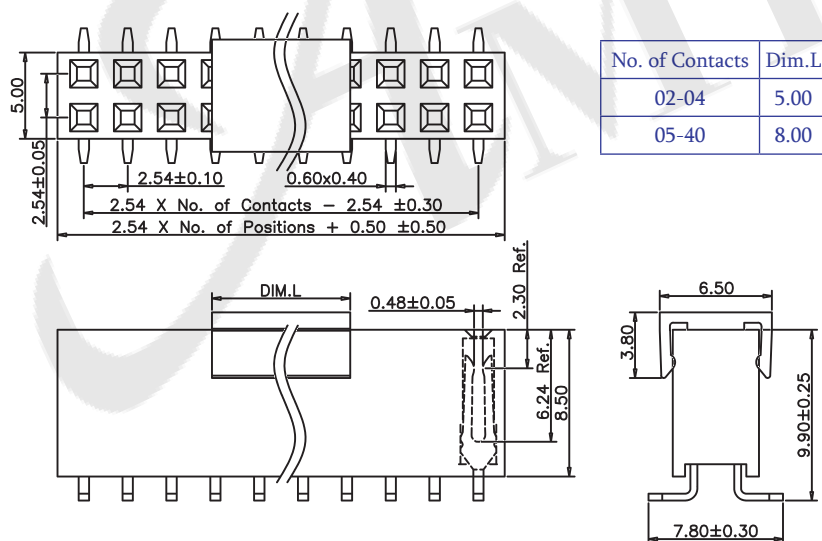
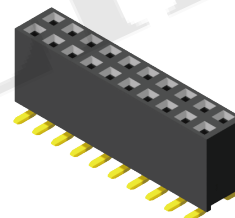
Old P/N: PS1S71-1/2
PS1S72B-2

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1MSB85-1XXU

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1MSA85-2XXU

Diagram illustrating the pin configuration for the MS-SMT Straight connector. The pins are labeled with letters and numbers: 5, P, S, 1, M, S, X, 8, 5, -, X, X, X, X, N, N, X, X, U. The diagram shows the physical layout of the pins and the corresponding electrical connections.

©:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PS1M85-1/2

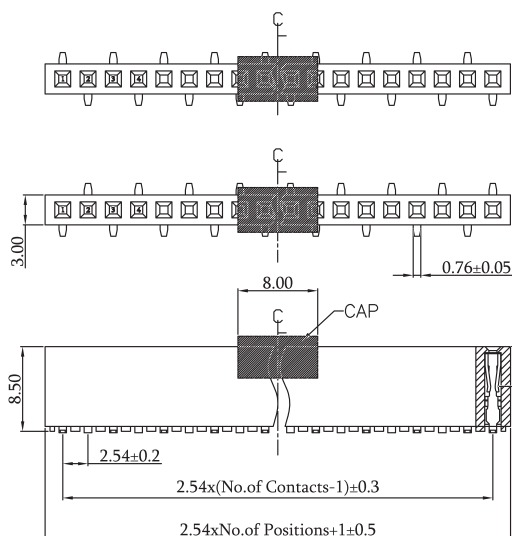
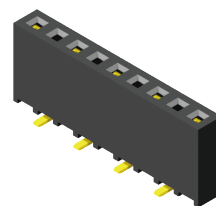
Female Header 2.54mm 1 Row H=8.5mm Multi Contact SMT Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

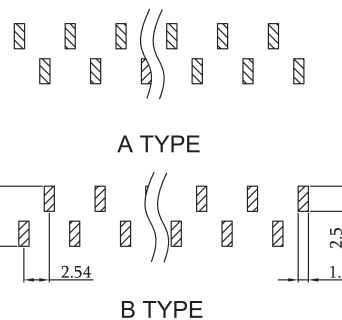
Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



A TYPE

B TYPE



A TYPE

B TYPE

Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

P/N.:5PS1TMA85-1XXU

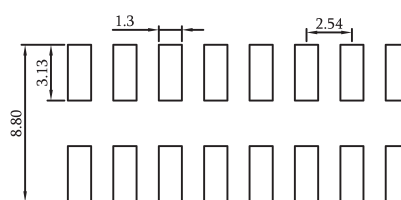
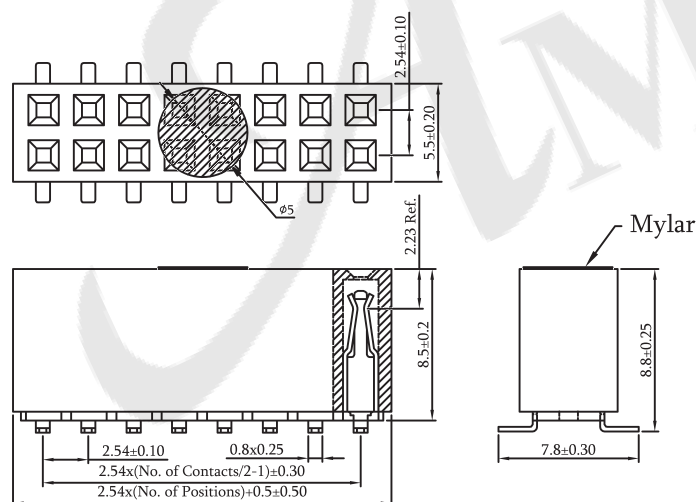
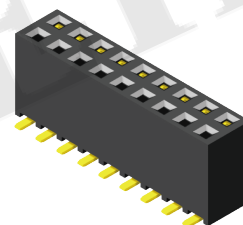
Female Header 2.54mm 2 Row H=8.5mm Multi Contact SMT Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

P/N.:5PS1TMB85-2XXU

ORDER INFORMATION

The diagram illustrates the relationship between various PCB parameters and their manufacturing specifications. The parameters are represented by colored boxes at the top, and their specifications are in boxes below them. Lines connect the parameters to their respective specification boxes.

Parameters and their Specifications:

- TM: Multi Contact SMT** (Green box)
- Plastic Height 85: H=8.5mm** (Blue box)
- 1: Single Row, 2: Dual Row** (Blue box)
- No. of Contacts Per Row (02~40)** (Blue box)
- G0: Gold Flash, GA: Au 5u", GB: Au 10u", GC: Au 20u", GD: Au 30u", T0: Tin Plated** (Blue box)
- S0: Selective Au, SA: Selective Au 5u", SB: Selective Au 10u", SC: Selective Au 20u", SD: Selective Au 30u", TF: Tin 200u"** (Blue box)
- N: W/O Bump, N: W/O Peg** (Blue box)
- A: A Type, B: B Type, For Single Row Only, N: Non Type, For Dual Row Only** (Blue box)
- T: Tube W/O Cap, C: Tube With Cap, H: T/R W/O Cap, R: T/R With Cap, M: T/R With Mylar** (Blue box)
- U: RoHS + Hi-Temp** (Blue box)

●:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PS1TM85-1/2

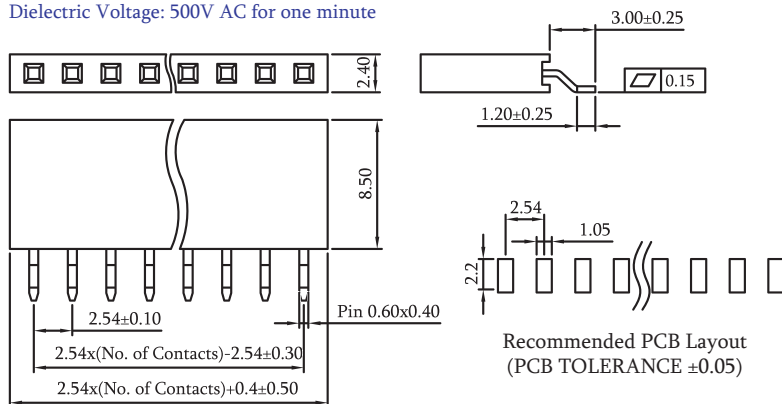
Female Header 2.54mm 1 & 2 & 3 Row H=8.5mm SMT R/A Type

Specifications

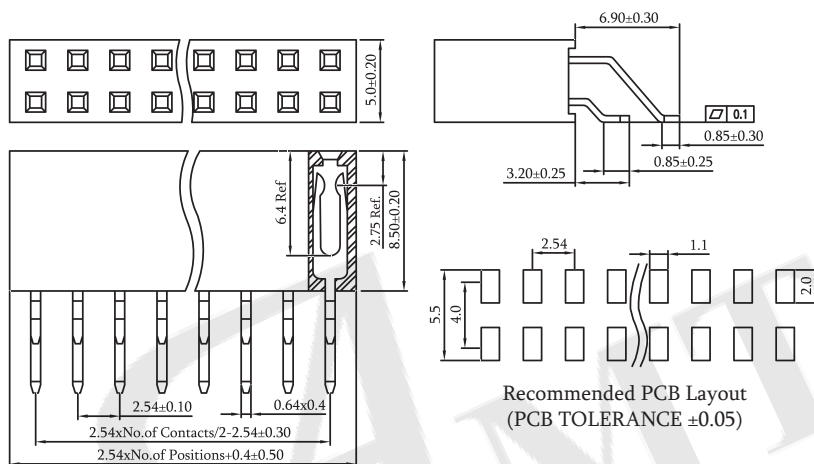
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

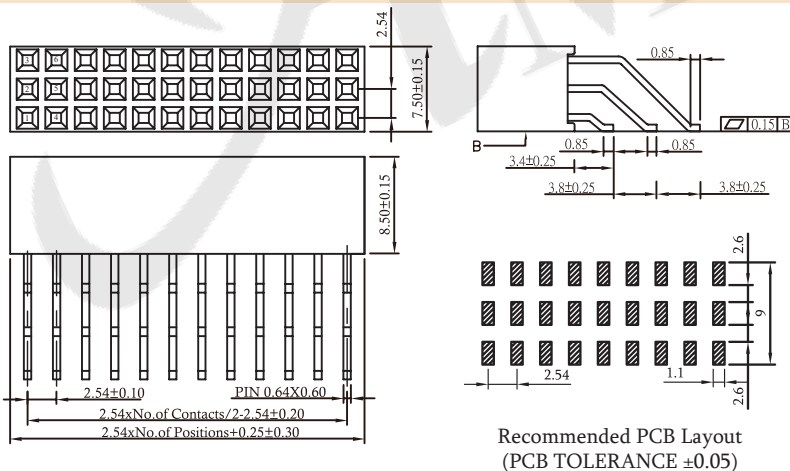
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1MRB85-1XXU



P/N.:5PS1MRC85-2XXU



P/N.:5PS1MRA85-3XXU

ORDER INFORMATION

5	P	S	1	M	R	X	8	5	-	X	X	X	X	N	N	N	X	U
MR:R/A SMT						Plastic Height 85:H=8.5mm			No. of Contacts Per Row (02~40)			N:W/O Bump			N:W/O Peg		T:Tube W/O Cap C:Tube With Cap H:T/R W/O Cap R:T/R With Cap	
						1:Single Row 2:Dual Row 3:Triple Row												
																	U:RoHS + Hi-Temp	

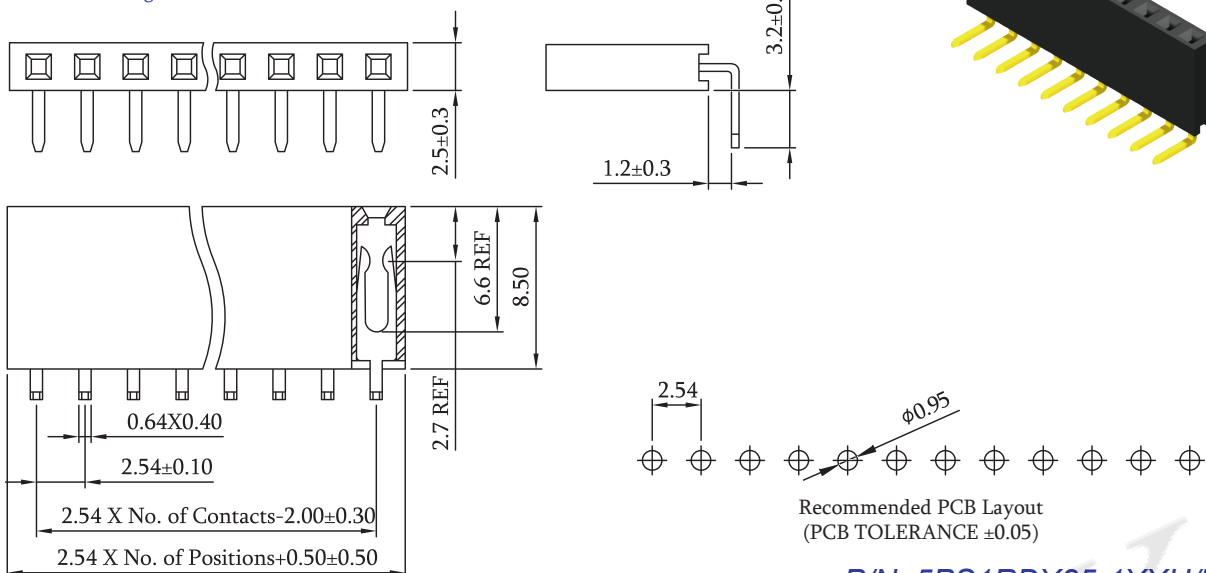
Female Header 2.54mm 1 Row H=8.5mm Right Angle Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1RDX85-1XXU/L

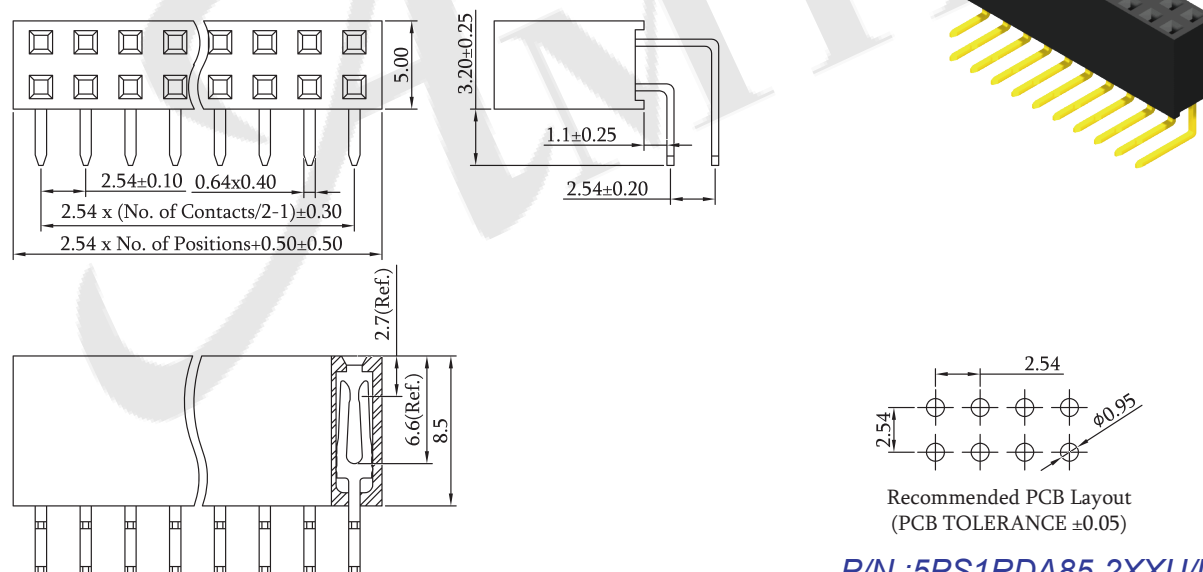
Female Header 2.54mm 2 Row H=8.5mm Right Angle Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5PS1RDA85-2XXU/L

ORDER INFORMATION

5	P	S	1	R	D	X	8	5	-	X	X	X	X	N	N	N	X	X
RD:R/A DIP						Plastic Height 85:H=8.5mm			1:Single Row 2:Dual Row		No. of Contacts Per Row (02~40)		N:W/O Bump		N:W/O Peg		A:Tray W/O Cap T:Tube W/O Cap C:Tube With Cap H:T/R W/O Cap R:T/R With Cap	
									G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated		S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TF:Tin 200u"		N:Non Type		L:RoHS + PBT U:RoHS + Hi-Temp			

©:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts.
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PS1R85-1/2

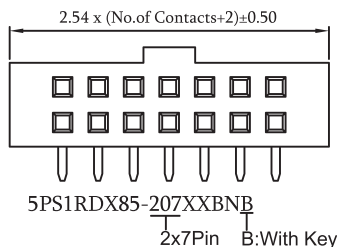
Female Header 2.54mm 2 Row H=8.5mm Right Angle Type With Bump

Specifications

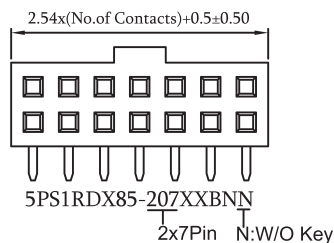
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

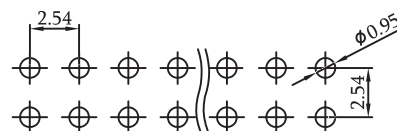
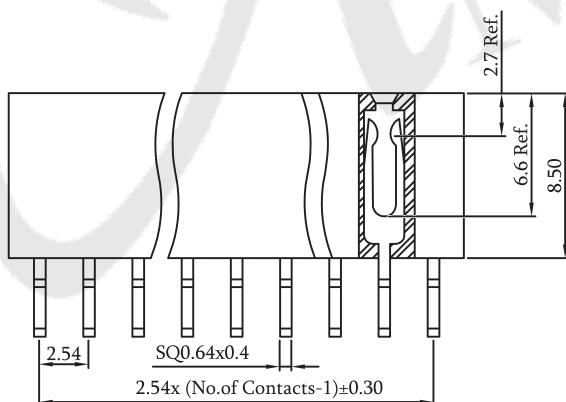
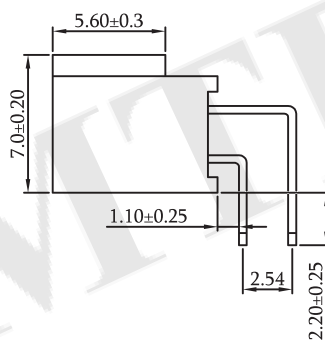
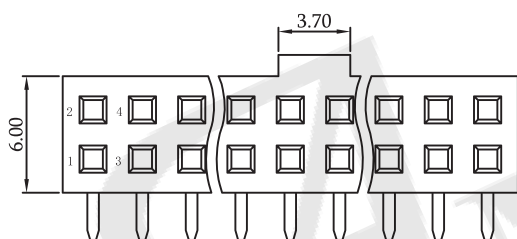
Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plated: Gold Flash



P/N.:5PS1RDX50-2XXBNN



P/N.:5PS1RDX50-2XXBNN



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	S	1	R	D	X	8	5	-	2	X	X	X	X	B	N	X	X	X		
RD:R/A DIP						Plastic Height 85:H=8.5mm				2: Dual Row		No. of Contacts Per Row (02~30) For With Insert Key Per Row (02~32) For W/O Insert Key		B: With Bump		N: W/O Peg		A: Tray W/O Cap T: Tube W/O Cap H: T/R W/O Cap		L: RoHS + PBT U: RoHS + Hi-Temp	

◎: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PS1R85B-2

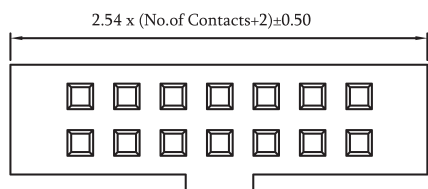
Female Header 2.54mm 2 Row H=8.5mm Straight Type With Bump

Specifications

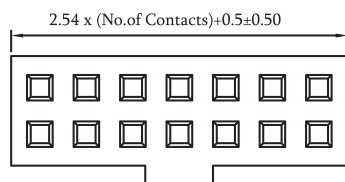
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

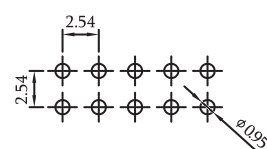
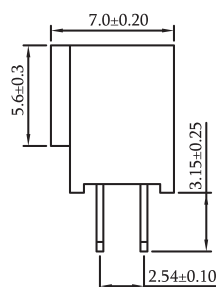
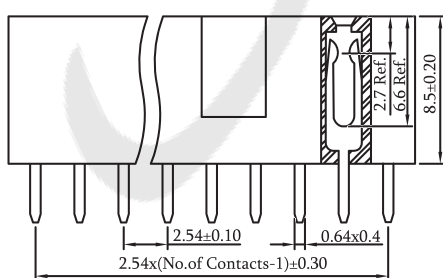
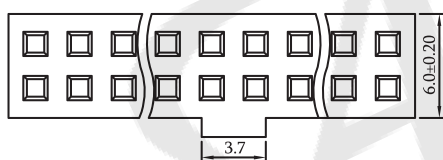
Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plated: Gold Flash



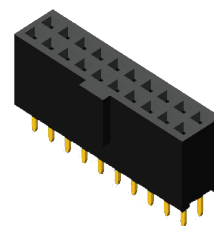
5PS1SDX85-207XXBNB
2x7Pin B:With Key



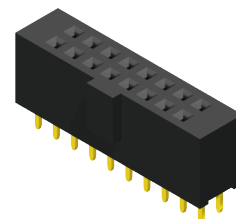
5PS1SDX85-207XXBNN
2x7Pin N:W/O Key



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5PS1SDX50-2XXBNN



P/N.:5PS1SDX50-2XXBNN

ORDER INFORMATION

5	P	S	1	S	D	X	8	5	-	2	X	X	X	X	B	N	X	X	X			
SD: Straight DIP						Plastic Height 85:H=8.5mm			No. of Contacts Per Row (02~30) For With Insert Key Per Row (02~32) For W/O Insert Key			2: Dual Row			B: With Bump		N: W/O Peg		A: Tray W/O Cap T: Tube W/O Cap H: T/R W/O Cap		L: RoHS + PBT U: RoHS + Hi-Temp	

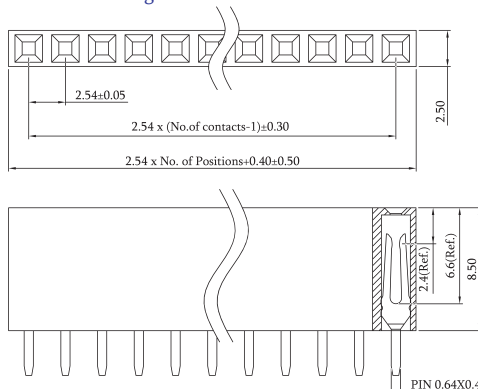
Female Header 2.54mm 1 & 2 & 3 Row H=8.5mm Y Contact Straight Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

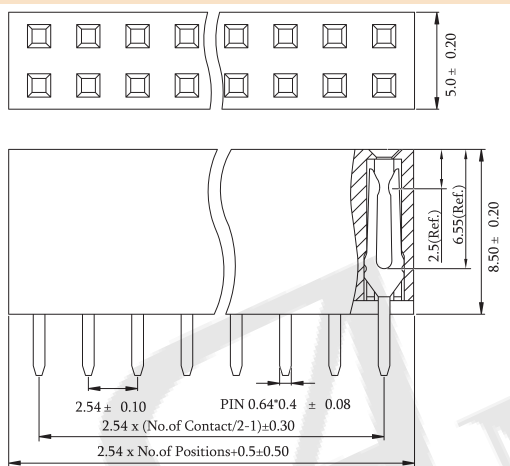
Material

Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



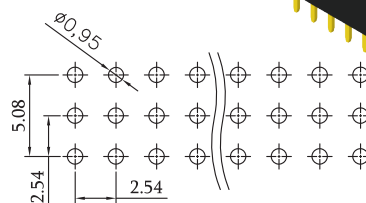
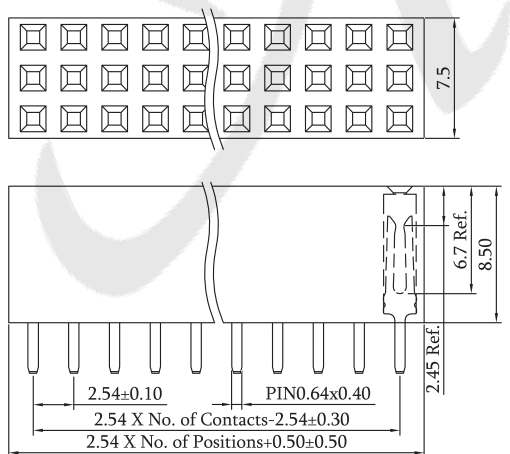
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS1SDD85-1XXU/L



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS1SDD85-2XXU/L



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS1SDD85-3XXU

ORDER INFORMATION

5	P	S	1	S	D	D	8	5	-	X	X	X	X	N	N	N	X	X							
SD: Straight DIP							Plastic Height 85:H=8.5mm			1: Single Row 2: Dual Row 3: Triple Row			No. of Contacts Per Row (02~40)		N: W/O Bump		N: W/O Peg		A: Tray W/O Cap B: Bag Package T: Tube W/O Cap H: T/R W/O Cap X: Box		N: Non Type		L: RoHS + PBT U: RoHS + Hi-Temp		

©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PS1S85-1/2/3

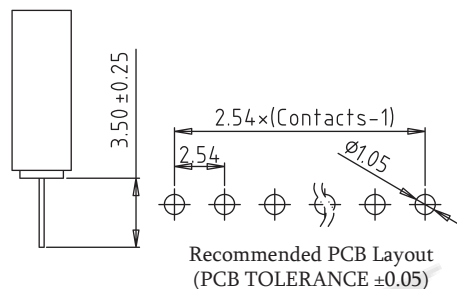
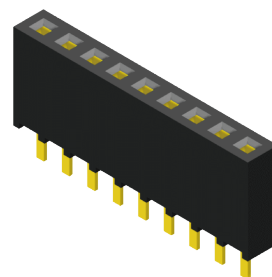
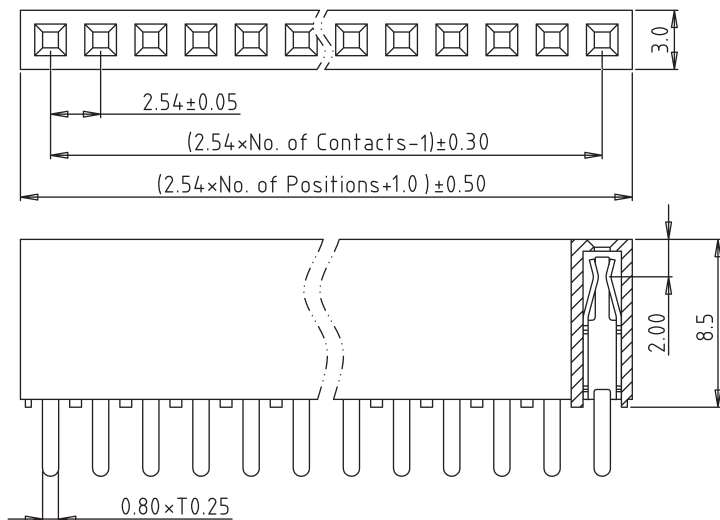
Female Header 2.54mm 1 Row H=8.5mm Multi Contact Straight Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.: 5PS1TCB85-1XXU/L

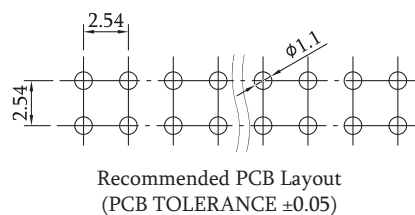
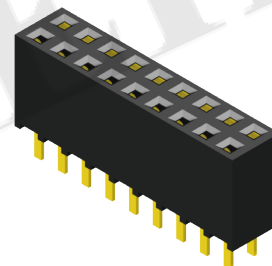
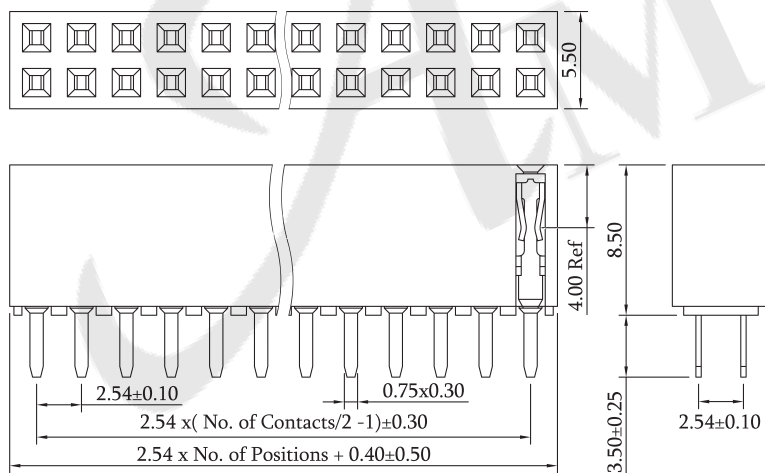
Female Header 2.54mm 2 Row H=8.5mm Multi Contact Straight Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.: 5PS1TCG85-2XXU

ORDER INFORMATION

5	P	S	1	T	C	X	8	5	-	X	X	X	X	N	N	N	X	U	
TC:Multi Contact DIP						Plastic Height 85:H=8.5mm			No. of Contacts Per Row (02~40)				N:W/O Bump		N:W/O Peg		A:Tray W/O Cap T:Tube W/O Cap H:T/R W/O Cap X:Box		
						1:Single Row 2:Dual Row										N:Non Type		U:RoHS + Hi-Temp	
										G0:Gold Flash		S0:Selective Au							
										GA:Au 5u"		SA:Selective Au 5u"							
										GB:Au 10u"		SB:Selective Au 10u"							
										GC:Au 20u"		SC:Selective Au 20u"							
										GD:Au 30u"		SD:Selective Au 30u"							
										T0:Tin Plated		TF:Tin 200u"							

©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts.
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PS1ST85-1/2

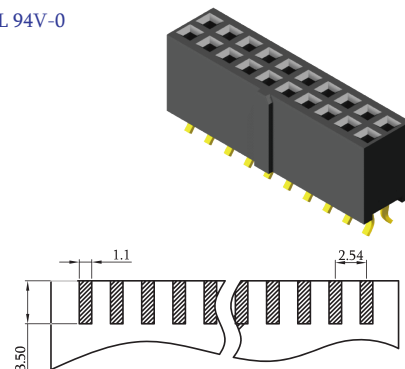
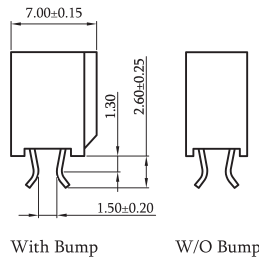
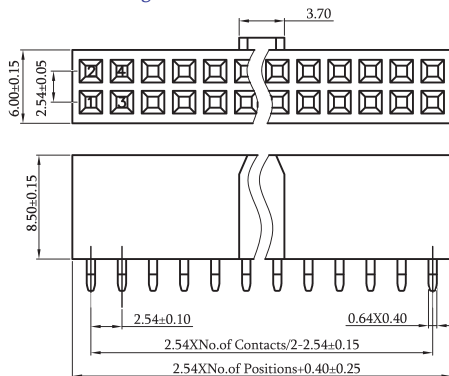
Female Header 2.54mm 2 Row H=8.5mm Straddle Type With Bump

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

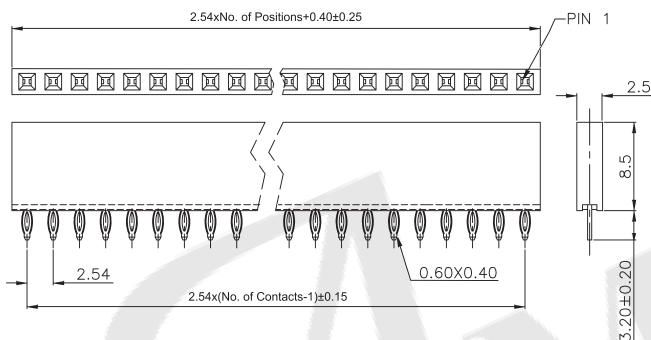
Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

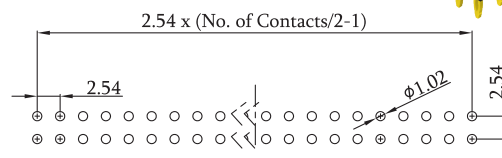
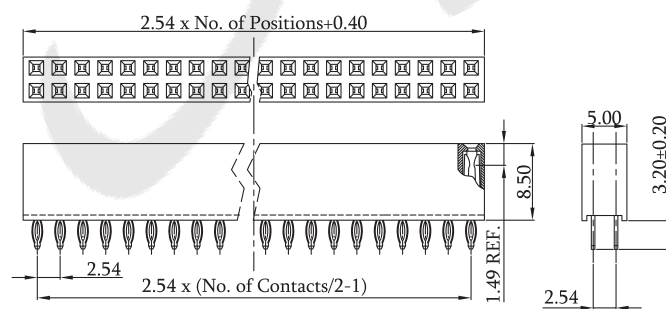
P/N.:5PS1KSA85-2XXU/L

Female Header 2.54mm 1 & 2 Row H=8.5mm Press Fit Type



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS1FSA85-1XXL



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS1FSB85-2XXL

ORDER INFORMATION

5	P	S	1	X	X	X	8	5	-	X	X	X	X	X	N	N	X	X	
KS:Straddle FS:Press fit						Plastic Height 85:H=8.5mm			No. of Contacts Per Row (02~40)			B:With Bump For KS Only N:W/O Bump			N:W/O Peg		A:Tray W/O Cap T:Tube W/O Cap B:Bag X:Box		
1:Single Row 2:Dual Row															N:Non Type		L:RoHS + PBT U:RoHS + Hi-Temp		
G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated						S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"													

◎:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PS1K85B-2
PS1FS85-1/2

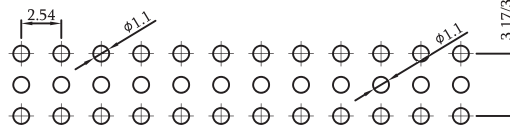
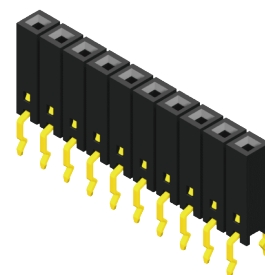
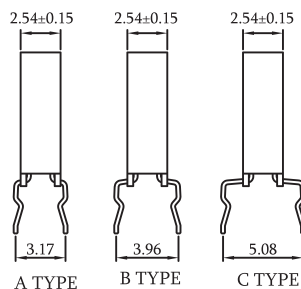
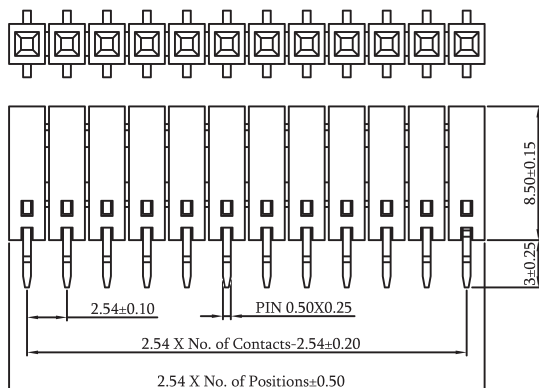
Female Header 2.54mm 1 Row H=8.5mm Stripped Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS1STA85-1XXU

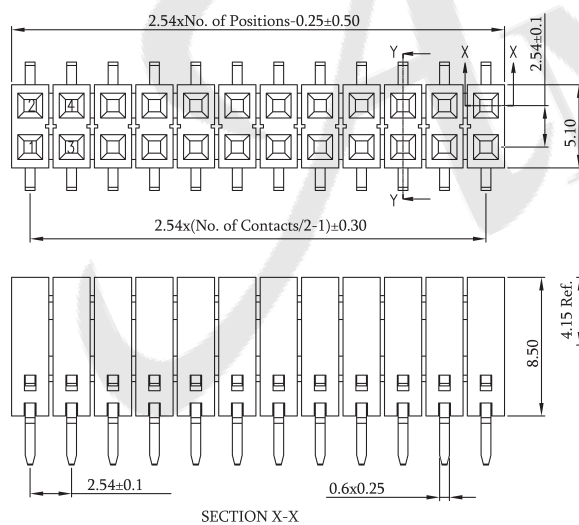
Female Header 2.54mm 2 Row H=8.5mm Stripped Type

Specifications

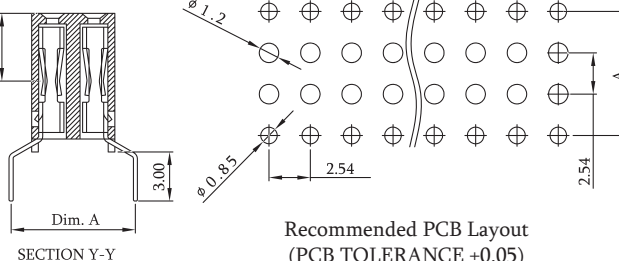
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Type	Dim.A
A	6.50
B	7.62
C	5.70



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS1STA85-2XXU

ORDER INFORMATION

5	P	S	1	S	T	A	8	5	-	X	X	X	X	N	N	X	X	U			
ST: Stripped						Plastic Height 85:H=8.5mm				No. of Contacts Per Row (02~40)				N:W/O Bump		N:W/O Peg		T:Tube W/O Cap C:Tube With Cap H:T/R W/O Cap R:T/R With Cap		U:RoHS + Hi-Temp	
								1:Single Row 2: Dual Row										A:A Type B:B Type C:C Type			
										G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" TD:Tin Plated		S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"									

©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts.
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PS1F85-1/2

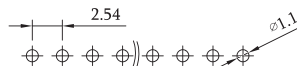
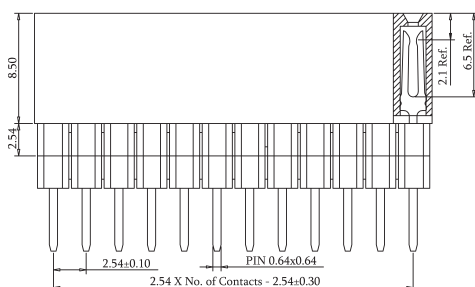
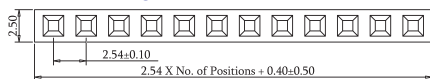
Female Header 2.54mm 1 & 2 & 3 Row H=8.5mm Pin 0.64×0.60 Elevated Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

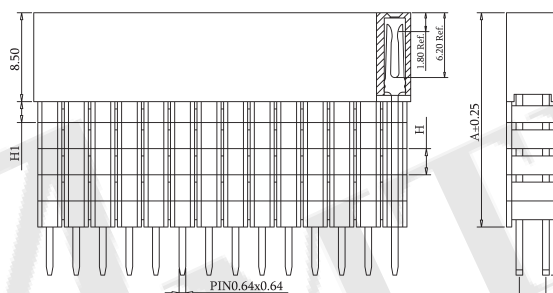
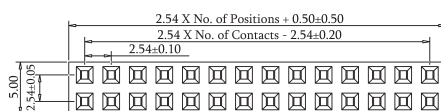
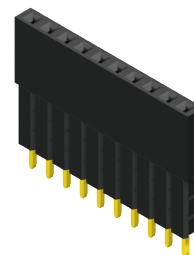
Insulator: P.B.T or Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

	Add Number H=2.54	Dimensions	
		A	B
136049	2	13.58	4.85
187046	4	18.66	4.60

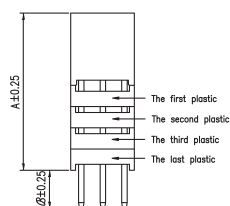
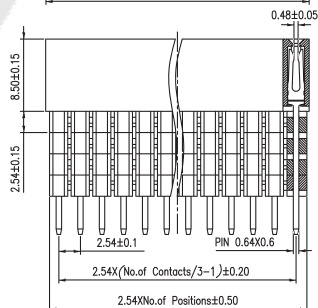
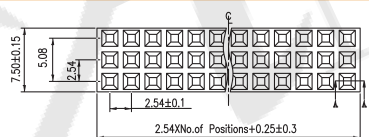
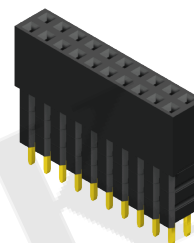
P/N.:5PS1EAB85-1XXU/L



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

	Add Number		Dimensions	
	H=2.54	H1=2.0	A	B
110023	1	0	11.04	2.30
110074				7.35
110122				12.2
136097	2	0	13.58	9.65
136049				4.85
161023	3	0	16.12	2.30
161071				7.10
187046	4	0	18.66	4.60
207046	4	1	20.66	4.60

P/N.:5PS1EAB85-2XXU/L

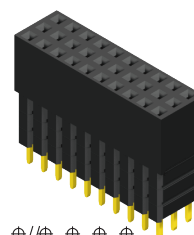


Recommended PCB Layout
(PCB TOLERANCE ±0.05)

	Add Number		Dimensions	
	H=2.54		A	B
110023	1	11.00	11.00	2.30
110074				7.35
110122				12.20
135049	2	13.50	13.50	4.85
135097				9.65
160023	3	16.00	16.00	2.30
160071				7.10
185046	4	18.50	18.50	4.60

SECTION A-A

P/N.:5PS1EAA85-3XXU



ORDER INFORMATION

5 P S 1 E A X

EA:Multi Layers/DIP

8 5 -

Plastic Height
85:H=8.5mm

X

1:Single Row
2:Dual Row
3:Triple Row

X X

No. of Contacts
Per Row (02~40)

X X

5:W/O Peg W/O Ejector

5

X

A:Tray W/O Cap
T:Tube W/O Cap
X:Box

X

L:RoHS + PBT
U:RoHS + Hi-Temp

X

See Table
Ex:110074
A:11.00(110)
B:7.35(074)

G0:Gold Flash
GA:Au 5u"
GB:Au 10u"
GC:Au 20u"
GD:Au 30u"
T0:Tin Plated
S0:Selective Au
SA:Selective Au 5u"
SB:Selective Au 10u"
SC:Selective Au 20u"
SD:Selective Au 30u"
TE:Tin 200u"

©:Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N:PS1E-1/2/3

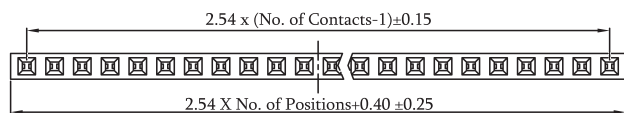
Female Header 2.54mm 1 Row H=8.5mm Elevated Press Fit Type

Specifications

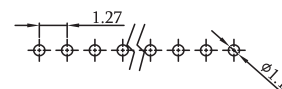
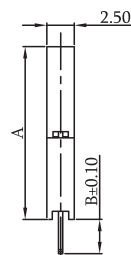
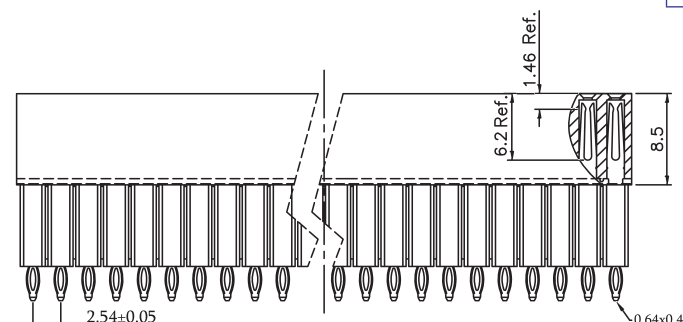
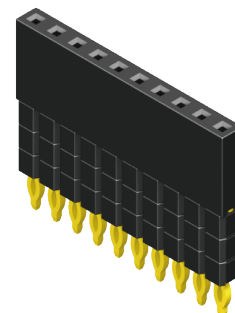
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



	Dimensions	
	A	B
111032	11.05	3.2
136032	13.59	3.2
161032	16.13	3.2
161032	18.67	3.2
111122	11.05	12.2



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N: 5PS1FEA85-1XXXL

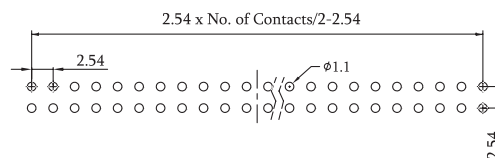
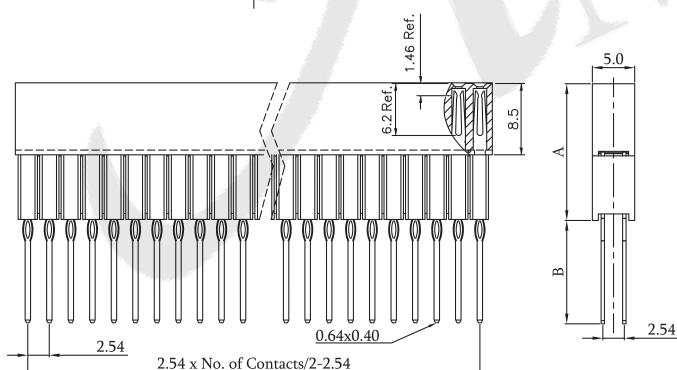
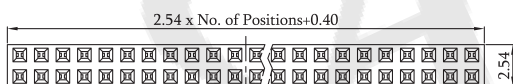
Female Header 2.54mm 2 Row H=8.5mm Elevated Press Fit Type

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: P.B.T, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N: 5PS1FEA85-2XXXL

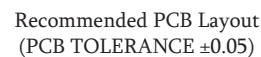
ORDER INFORMATION

5	P	S	1	F	E	A	8	5	-	X	X	X	X	5	T	L	X	
FE:Press Fit						Plastic Height 85:H=8.5mm			1:Single Row 2:Dual Row		No. of Contacts Per Row (02~40)		5:W/O Peg W/O Ejector		T:Tube W/O Cap		See Table Ex:110074 A:11.00(110) B:7.35(074)	
											G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated		S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"		L:RoHS + PBT			

©: Standard Recommended
Tube package is not available for under 1*5 & 2*5 pin counts.
The option in the catalog for reference only, please contact with Amtek for more details.

Old P/N: PS1FE-1/2

Insulator: P.B.T, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Serial Number

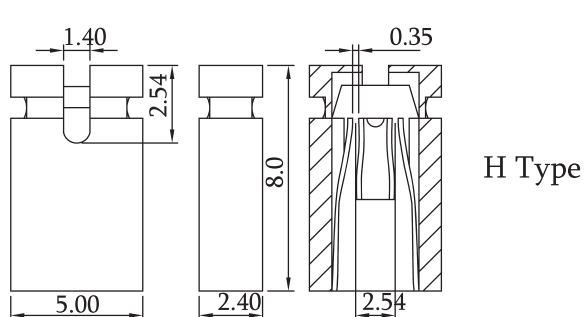
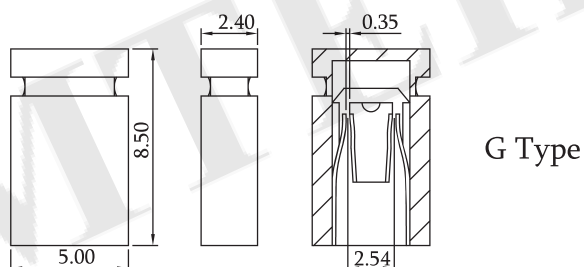
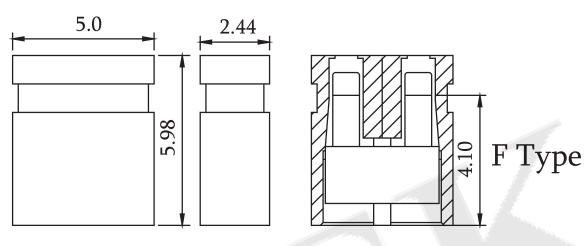
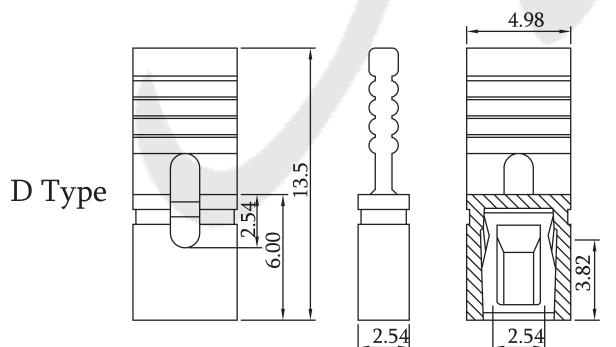
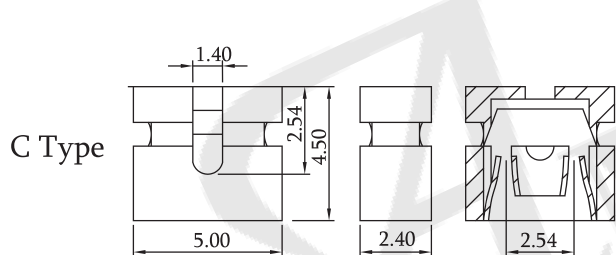
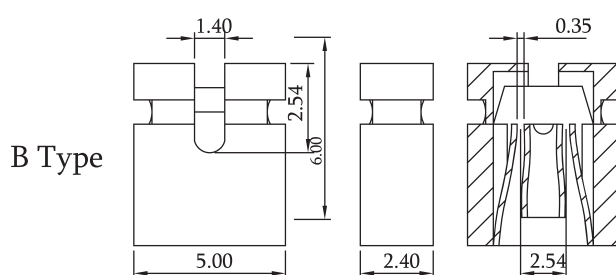
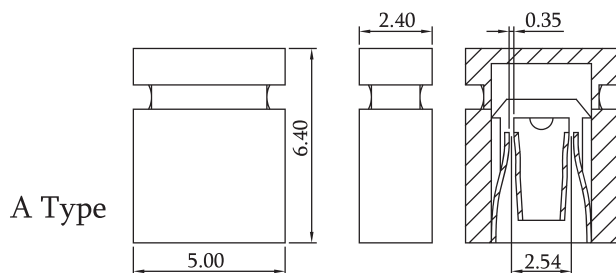
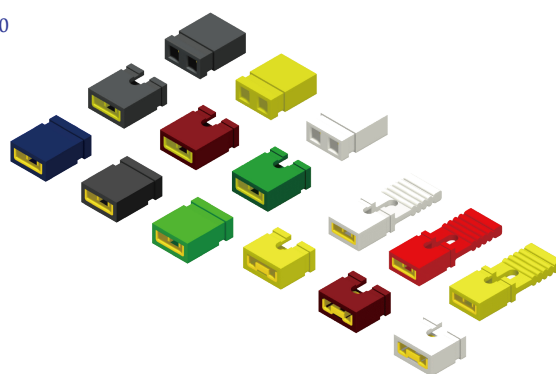
Mini Jumper 2.54mm

Specifications

Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

Insulator: Polyester, UL 94V-0
Standard: P.B.T or Nylon 66
Terminal: Copper Alloy
Standard Plating: Gold Flash



ORDER INFORMATION

5 J P 1 X

B: Brass
P: Phosphor Bronze

X - 2 1

A: Close 6.5mm
B: Open 6.0mm
C: Open 4.5mm
D: With Handle 13.5mm
F: Close 6.0mm
G: Close 8.5mm
H: Open 8.0mm

No. of Contacts
21(2P)

X X

G0: Gold Flash
GA: Au 5u"
GB: Au 10u"
GC: Au 20u"
GD: Au 30u"
T0: Tin Plated
S0: Selective Au
SA: Selective Au 5u"
SB: Selective Au 10u"
SC: Selective Au 20u"
SD: Selective Au 30u"
TE: Tin 200u"

X

B: Black
E: Green
G: Gray
R: Red
U: Blue
W: White
Y: Yellow

B

B: Bag

L

L: RoHS + PBT
L: RoHS + Nylon 66
For D Type Only

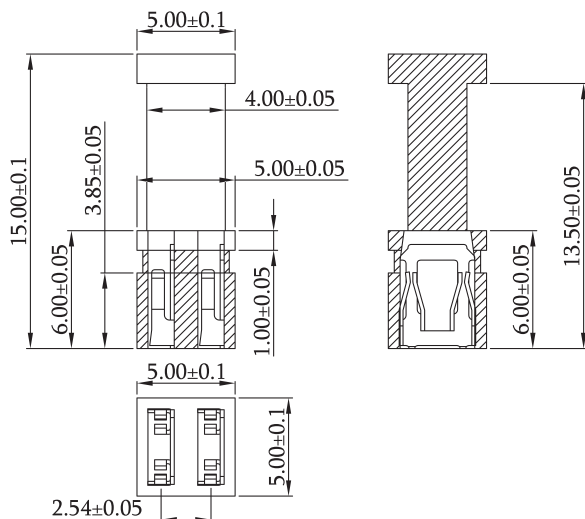
Mini Jumper 2.54mm Multi-Post

Specifications

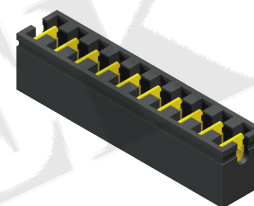
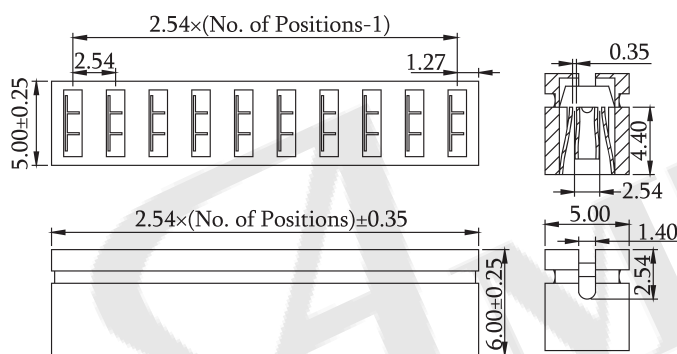
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

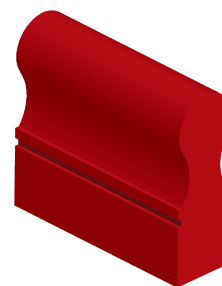
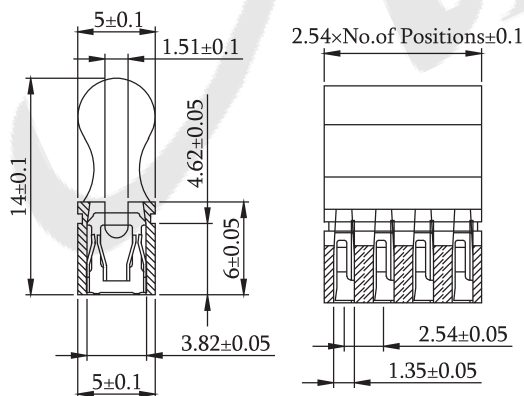
Insulator: Polyester, UL 94V-0
Standard: P.B.T or Nylon 66
Terminal: Copper Alloy
Standard Plating: Gold Flash



P/N.:5JP1XD-22XXXBL



P/N.:5JP1XE-2XXXXBL



P/N.:5JP1XJ-2XXXXBL

ORDER INFORMATION

5 J P 1 X

B:Brass
P:Phosphor Bronze

X -

D:With Handle 13.5mm
E:Multi-Post
J:Multi-Post 14.0mm

2 X

No. of Contacts

X X

G0:Gold Flash
GA:Au 5u"
GB:Au 10u"
GC:Au 20u"
GD:Au 30u"
T0:Tin Plated
S0:Selective Au
SA:Selective Au 5u"
SB:Selective Au 10u"
SC:Selective Au 20u"
SD:Selective Au 30u"
TE:Tin 200u"

X

B:Black
E:Green
G:Gray
R:Red
U:Blue
W:White
Y:Yellow

B

B:Bag

L

L:RoHS + PBT

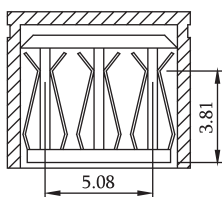
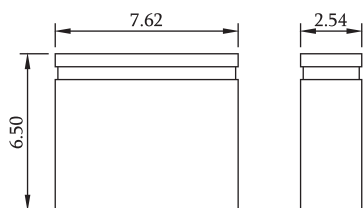
Mini Jumper 2.54mm 03P

Specifications

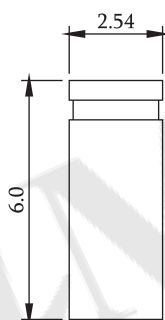
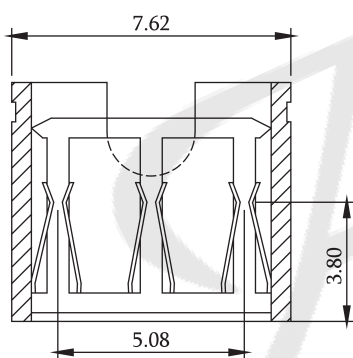
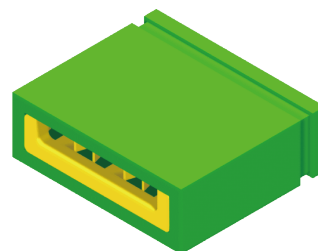
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

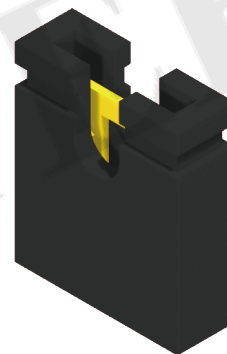
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



A Type



B Type



ORDER INFORMATION

5	J	P	1	X		X	-		3	1		X	X		X		B		L	-	0	1			
B:Brass P:Phosphor Bronze					A:Close 6.5mm B:Open 6.0mm					No. of Contacts 31(3P)			G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" T0:Tin Plated			S0:Selective Au SA:Selective Au 5u" SB:Selective Au 10u" SC:Selective Au 20u" SD:Selective Au 30u" TE:Tin 200u"			B:Black E:Green G:Gray R:Red U:Blue W:White			B:Bag		L:RoHS + Nylon 66	