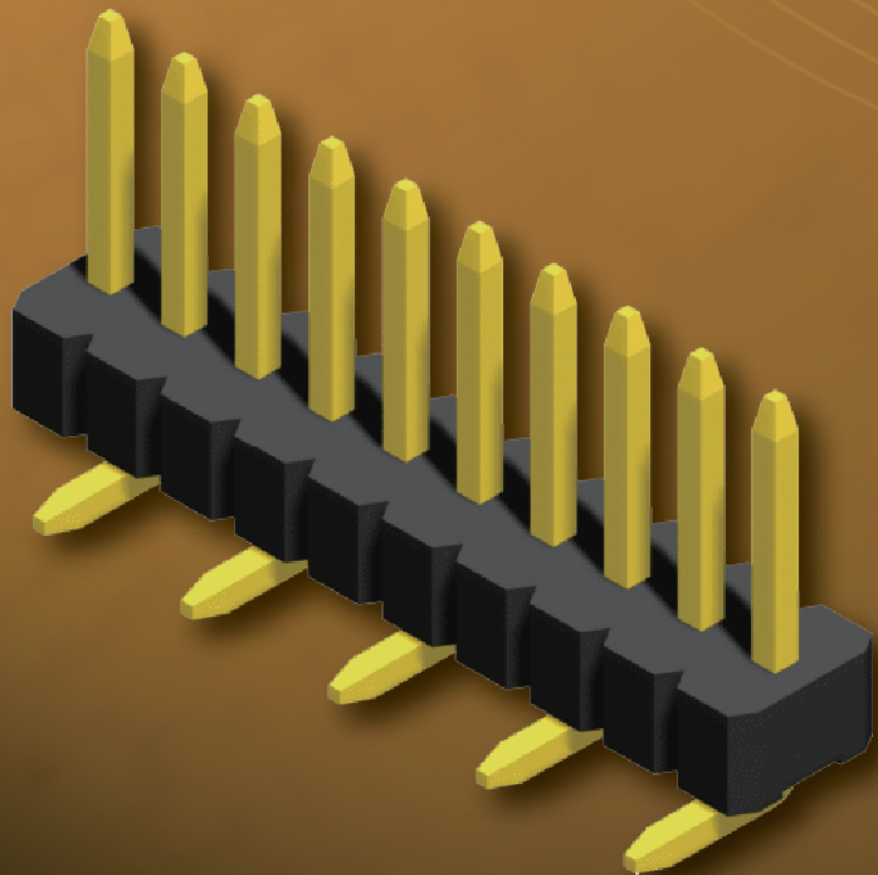


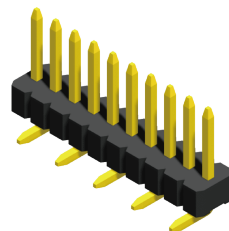
Header & Socket Connectors

2-15~2-47 • PCB Conn. 1.27mm



AMTEK Technology Co., Ltd

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



Pin Header 1.27×1.27mm 2 Row H=0.8/1.0/1.5/2.0/2.5mm SMT / Stack SMT Type

Specifications

Current Rating: 1 AMP

Insulation Resistance: 1000MΩ Min.

Contact Resistance: 20mΩ Max.

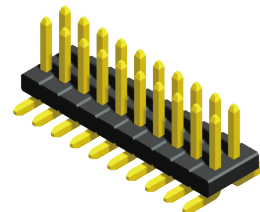
Dielectric Voltage: 500V AC for one minute

Material

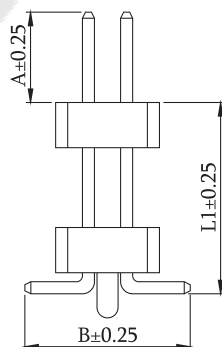
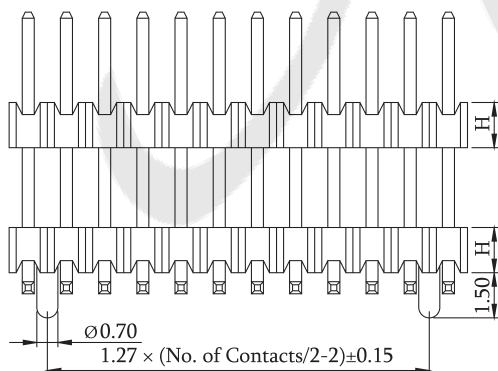
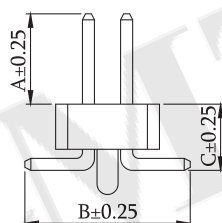
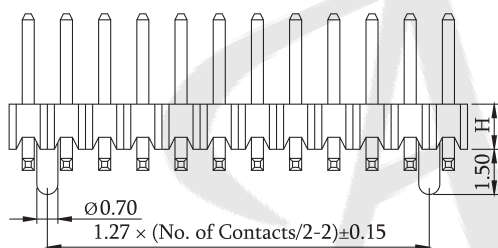
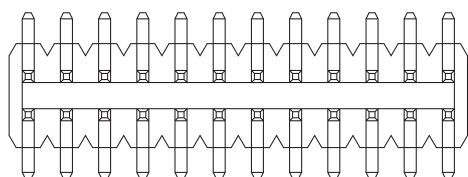
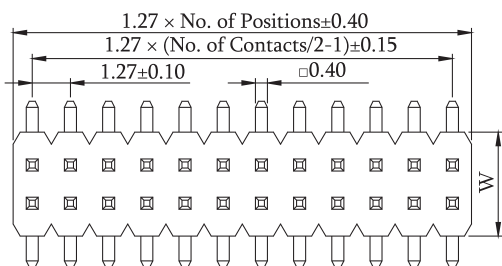
Insulator: Hi-Temp.Thermoplastic, UL 94V-0

Terminal: Copper Alloy

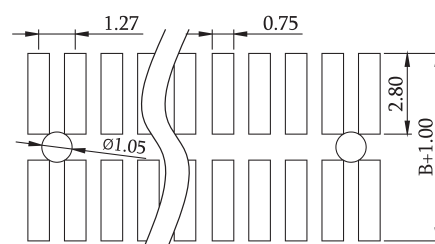
Standard Plating: Gold Flash



P/N.:5PH3MSX08/10/15/17/20/25-2XXU



	Dimensions			
	W	A	B	C
H=0.85mm	3.40	3.00 or 4.00	5.50	1.30
H=1.00mm				1.50
H=1.50mm				2.00
H=1.70mm	3.00			2.20
H=2.00mm				2.50
H=2.50mm				3.00



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

ORDER INFORMATION

Pin Configuration:

- Pins 1-4: 5, P, H, 3
- Pins 5-7: X, X, X
- Pin 8: X
- Pin 9: -
- Pin 10: 2
- Pins 11-12: X, X
- Pins 13-14: X, X
- Pin 15: X
- Pin 16: N
- Pin 17: X
- Pin 18: U
- Pin 19: -
- Pins 20-25: A/B/C, A/L1/B, A/L1/B, A/L1/B, A/L1/B, A/L1/B

Callouts:

- MS: Single Plastic SMT
DM: Stack Plastic SMT
- 3: Pitch 1.27 × 1.27
- Plastic Height:
08:H=0.85mm
10:H=1.0mm
15:H=1.5mm
17:H=1.7mm
20:H=2.0mm
25:H=2.5mm
- 2: Dual Row
- No. of Contacts Per Row (02~50)
- 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
P: With Peg
- 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 5PH5MSXXX-2
A/L1/B For 5PH5DMXXX-2
- U: RoHS + Hi-Temp

© : Standard Recommended

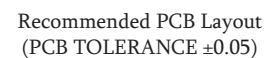
⦿:Standard Recommended

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:PH3M/DM08/10/15/17/20/25-2

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



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Pin Header 1.27×1.27mm 1 Row H=1.0/1.5/2.0mm Right Angle Type

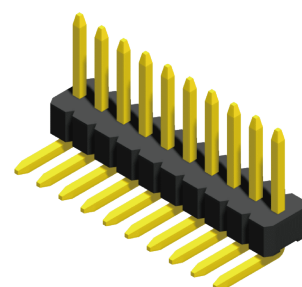
Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

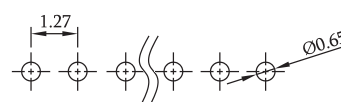
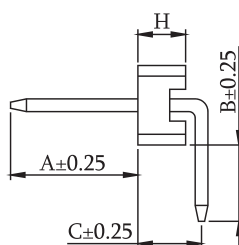
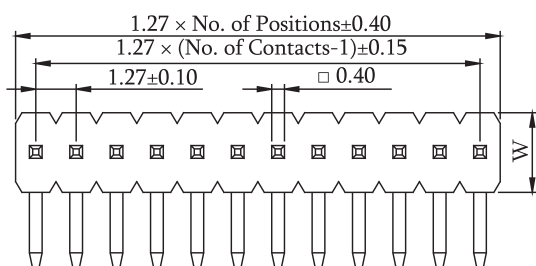
Material

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

	Dimensions			
	W	A	B	C
H=1.00mm	2.10	4.00	2.40	1.50
H=1.50mm				2.00
H=2.00mm	2.50			3.00



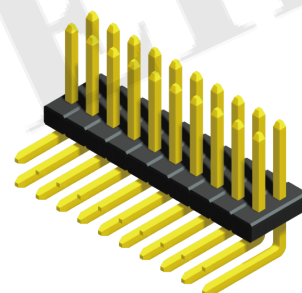
P/N.:5PH3RDX10/15/20-1XXU



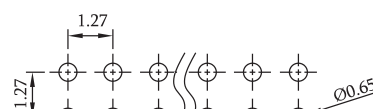
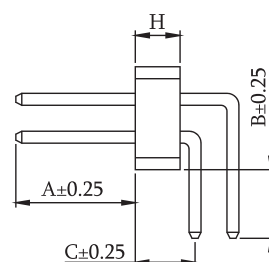
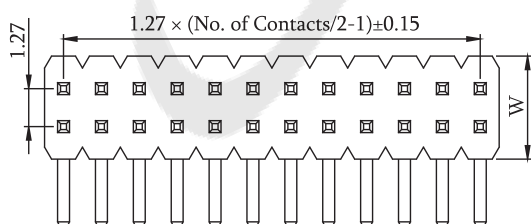
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Pin Header 1.27×1.27mm 2 Row H=1.0/1.5/1.7/2.0/2.5mm Right Angle Type

	Dimensions					
	W	A	B	C		
H=1.00mm	3.40	4.00	2.40	1.50		
H=1.50mm				2.00		
H=1.70mm	3.00			2.20		
H=2.00mm				2.50		
H=2.50mm				3.00		



P/N.:5PH3RDX10/15/17/20/25-2XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	3	R	D	X	X	X	-	X	X	X	X	N	N	X	U	-	A/B/C				
3:Pitch 1.27 × 1.27				RD:R/A DIP		Plastic Height 10:H=1.0mm 15:H=1.5mm 17:H=1.7mm 20:H=2.0mm 25:H=2.5mm		No. of Contacts Per Row (02~50)		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"		N:W/O Peg		X:Box		U:RoHS + Hi-Temp		EX.:040024015 A:4.00(040) B:2.40(024) C:1.50(015)	

©: 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: PH3R10/15/17/20/25-1/2

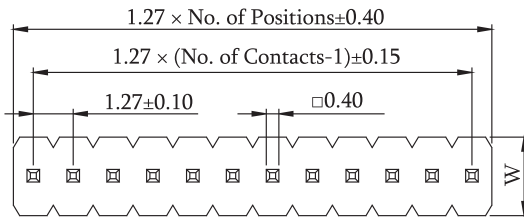
Pin Header 1.27×1.27mm 1 Row H=1.0/1.5/1.7/2.0/2.5mm Straight / Stack Straight Type

Specifications

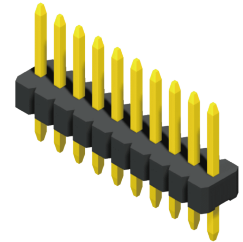
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

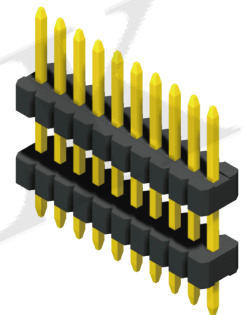
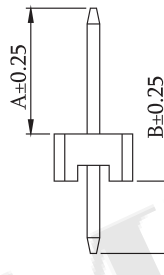
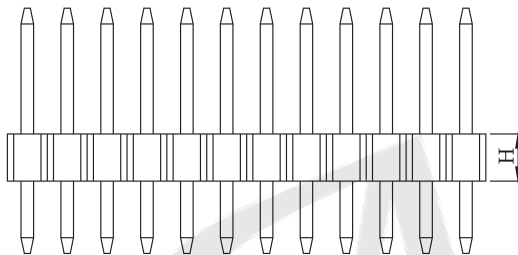
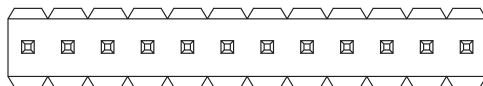
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



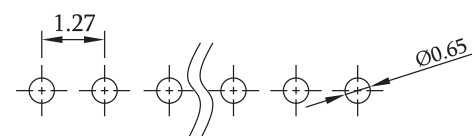
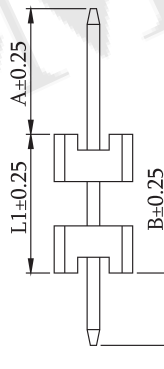
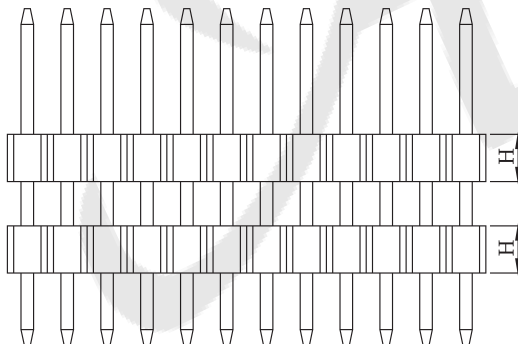
	Dimensions		
	W	A	B
H=1.00mm	2.10	3.00 or 4.00	2.30
H=1.50mm			
H=1.70mm			
H=2.00mm	2.50		
H=2.50mm			



P/N.: 5PH3SDX10/15/17/20/25-1XXU



P/N.: 5PH3DDX10/15/20/25-1XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	3	X	X	X	X	X	-	1	X	X	X	X	N	N	X	U	-	A/B			
3: Pitch 1.27 × 1.27				SD: Single Plastic DIP DD: Stack Plastic DIP			Plastic Height 10: H=1.0mm 15: H=1.5mm 17: H=1.7mm 20: H=2.0mm 25: H=2.5mm				1: Single Row		No. of Contacts Per Row (02~50)		N: W/O Peg		X: Box		U: RoHS + Hi-Temp		A/L1/B		
												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"				EX.: 040050023(A/L1/B) 040023000(A/B) A: 4.00(040) L1: 5.00(050) B: 2.30(023)			

©: 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: PH3S/D08/10/15/17/20/25-1

Pin Header 1.27×1.27mm 2 Row H=0.85/1.0/1.5/1.7/2.0/2.5mm Straight / Stack Straight Type

Specifications

Current Rating: 1 AMP

Insulation Resistance: 1000MΩ Min.

Contact Resistance: 20mΩ Max.

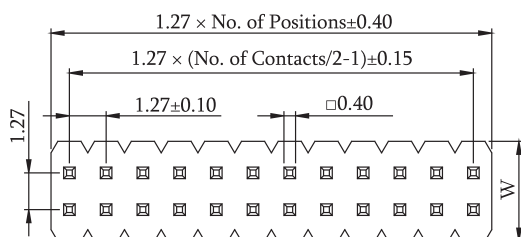
Dielectric Voltage: 500V AC for one minute

Material

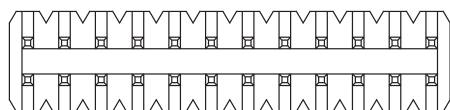
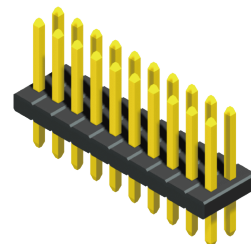
Insulator: Hi-Temp.Thermoplastic, UL 94V-0

Terminal: Copper Alloy

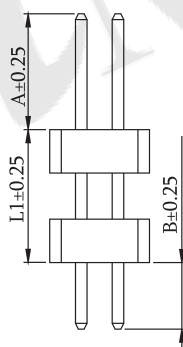
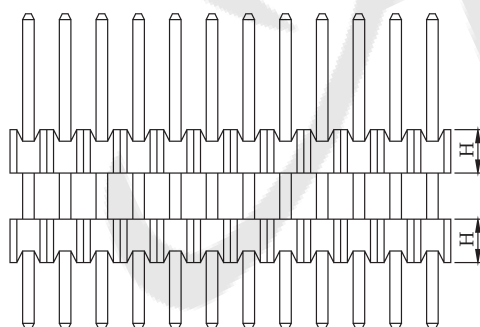
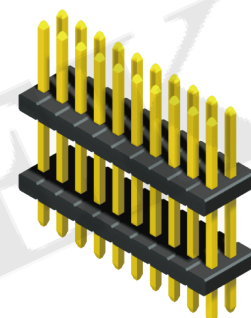
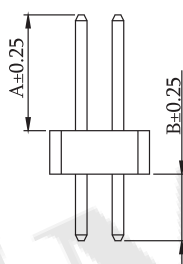
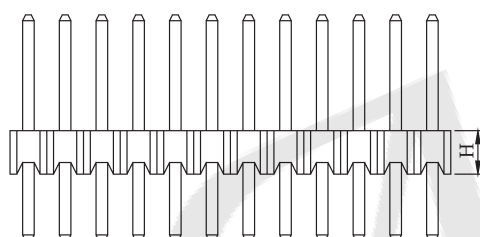
Standard Plating: Gold Flash



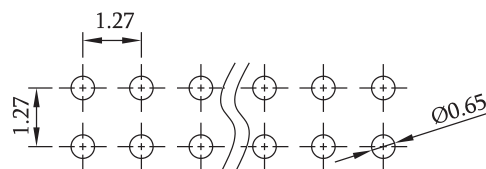
	Dimensions		
	W	A	B
H=0.85mm	3.40	3.00 or 4.00	2.30
H=1.00mm			
H=1.50mm			
H=1.70mm	3.00		
H=2.00mm			
H=2.50mm			



P/N.:5PH3SDX08/10/15/17/20/25-2XXU

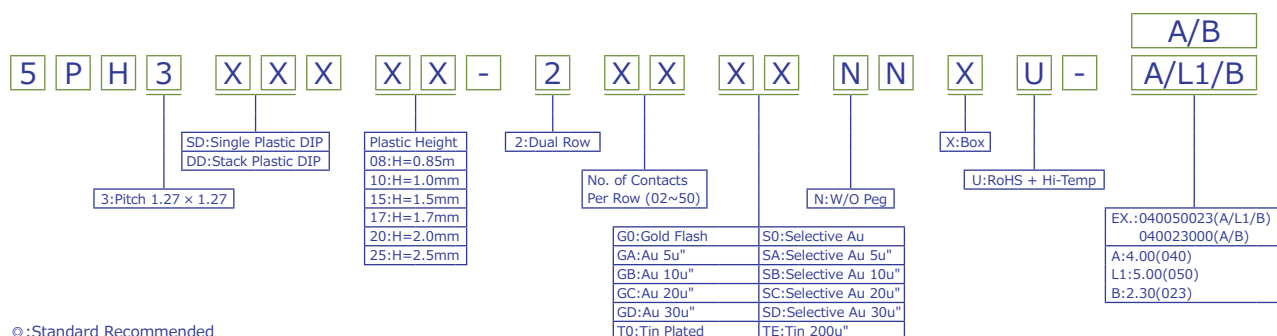


P/N.:5PH3DDX10/15/17/20/25-2XXU



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

ORDER INFORMATION



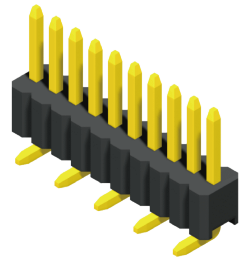
⦿:Standard Recommended

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:PH3S/D08/10/15/17/20/25-2

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



Pin Header 1.27×2.54mm 2 Row H=1.7/2.5mm SMT / Stack SMT Type

Specifications

Current Rating: 1 AMP

Insulation Resistance: 1000MΩ Min.

Contact Resistance: 20mΩ Max.

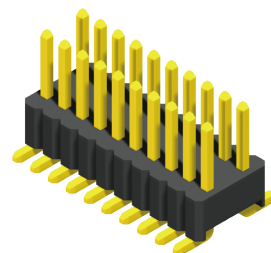
Dielectric Voltage: 500V AC for one minute

Material

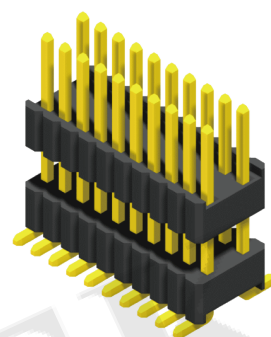
Insulator: Hi-Temp.Thermoplastic, UL 94V-0

Terminal: Copper Alloy

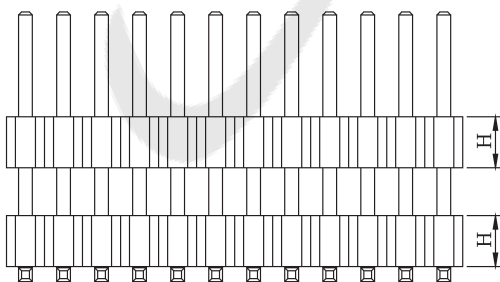
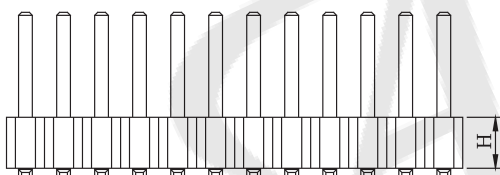
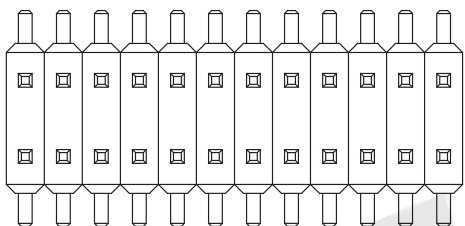
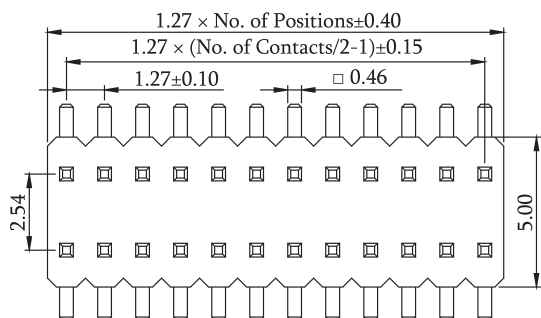
Standard Plating: Gold Flash



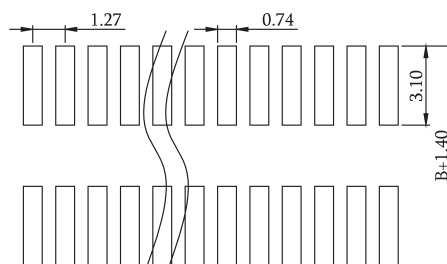
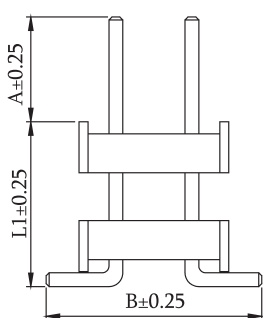
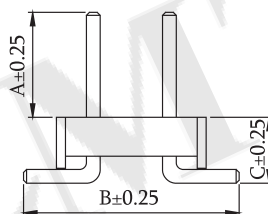
P/N.:5PH4MSX17/25-2XXU



P/N.:5PH4DMX17/25-2XXU

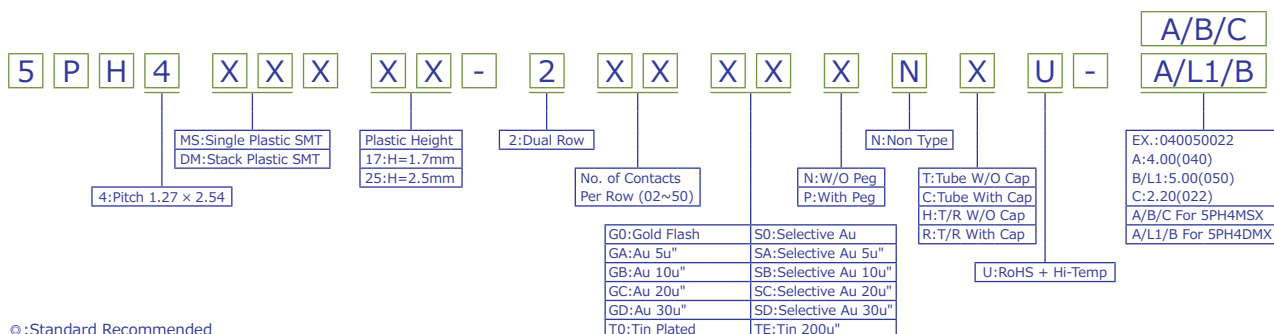


	Dimensions
	C
H=1.7mm	2.20
H=2.5mm	3.00



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

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:PH4M/DM17/25-2

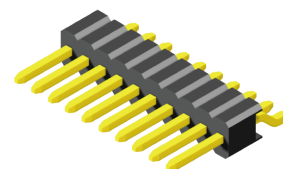
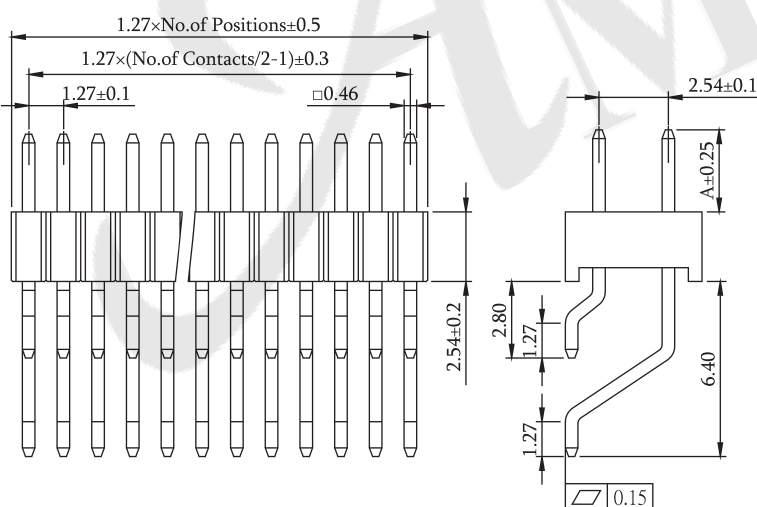
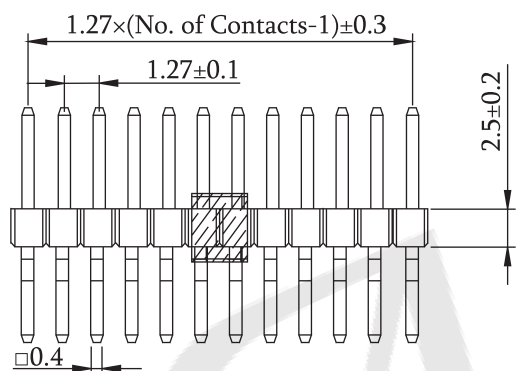
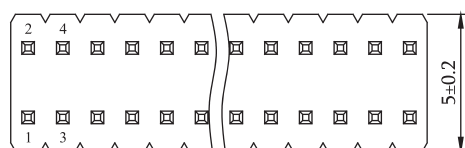
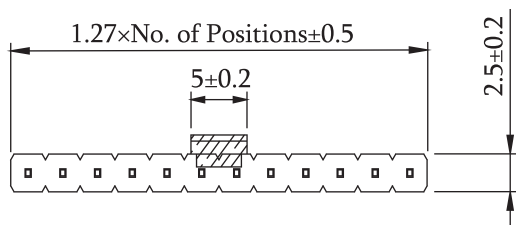
Pin Header 1.27×2.54mm 1 & 2 Row H=2.5mm SMT R/A Type

Specifications

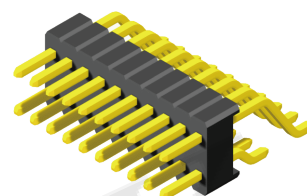
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

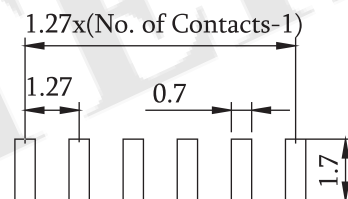
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



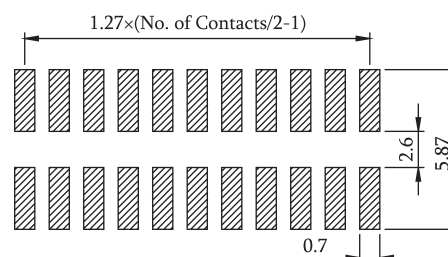
P/N.:5PH4MRX25-1XXU



P/N.:5PH4MRX25-2XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	4	M	R	X	2	5	-	X	X	X	X	N	N	X	U	-	A
4: Pitch 1.27 x 2.54				MR: R/A SMT		Plastic Height 25: H=2.5mm				No. of Contacts Per Row (02~50)				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.: 040000000 A: 4.00(040)	
										1: Single Row 2: Dual Row						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: PH4MR-1/2

Pin Header 1.27×2.54mm 1 Row H=1.7/2.5mm Right Angle Type

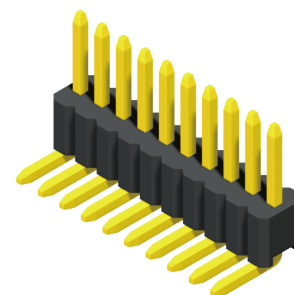
Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

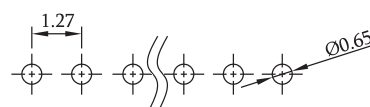
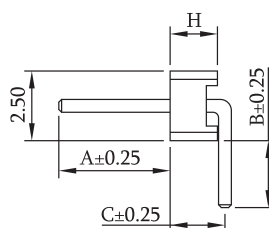
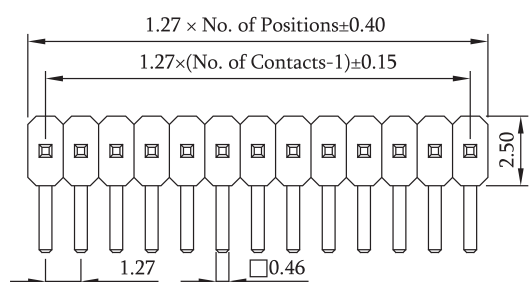
Material

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

	Dimensions
	C
H=1.7mm	2.20
H=2.5mm	3.00



P/N.:5PH4RDX17/25-1XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Pin Header 1.27×2.54mm 2 Row H=1.7/2.5mm Right Angle Type

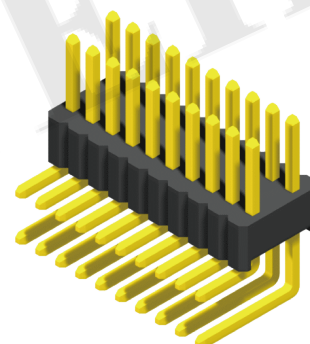
Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

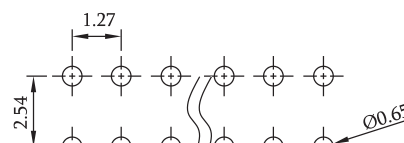
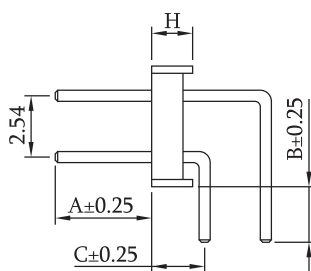
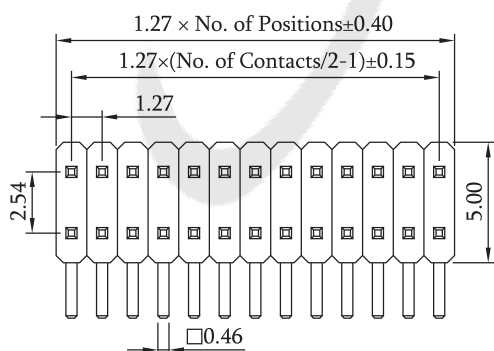
Material

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

	Dimensions
	C
H=1.7mm	2.20
H=2.5mm	3.00



P/N.:5PH4RDX17/25-2XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	4	R	D	X	X	X	-	X	X	X	X	N	N	X	U	-	A/B/C				
4:Pitch 1.27 × 2.54				RD:R/A DIP		Plastic Height 17:H=1.7mm 25:H=2.5mm		No. of Contacts Per Row (02~50)		1:Single Row 2:Dual Row		G0:Gold Flash GA:Au 5u" GB:Au 10u" GC:Au 20u" GD:Au 30u" TO: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		X:Box		U:RoHS + Hi-Temp		EX.:040050022 A:4.00(040) B:5.00(050) C:2.20(022)	

©: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:PH4R17/25-1/2

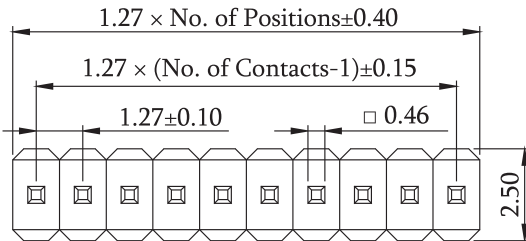
Pin Header 1.27×2.54mm 1 Row H=1.7/2.5mm Straight / Stack Straight Type

Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

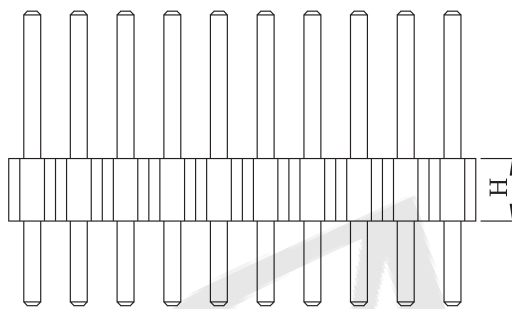
Material

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

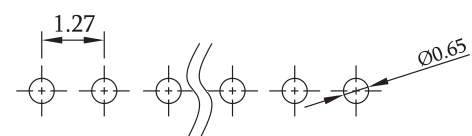
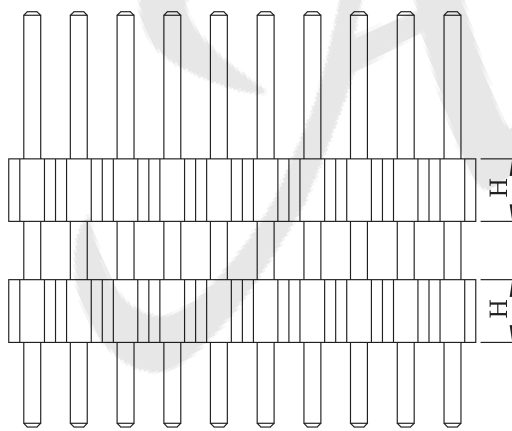


H	17	25
Plastic Height	1.7mm	2.5mm

P/N.: 5PH4SDX17/25-1XXU



P/N.: 5PH4DDX17/25-1XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	4	X	X	X	X	X	-	1	X	X	X	X	N	N	X	U	-	A/B
4:Pitch 1.27 × 2.54				SD:Single Plastic DIP DD:Stack Plastic DIP			Plastic Height 17:H=1.7mm 25:H=2.5mm			1:Single Row		No. of Contacts Per Row (02~50)		N:W/O Peg		X:Box		U:RoHS + Hi-Temp		A/L1/B
										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"								
										EX.:040050023(A/L1/B) 040023000(A/B)										
										A:4.00(040) L1:5.00(050) B:2.30(023)										

©:Standard Recommended

Old P/N:PH4S17/25

◎: 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: PH4S17/25-1
PH4D17/25-1

Pin Header 1.27×2.54mm 2 Row H=1.7/2.5mm Straight / Stack Straight Type

Specifications

Current Rating: 1 AMP

Insulation Resistance: 1000MΩ Min.

Contact Resistance: 20mΩ Max.

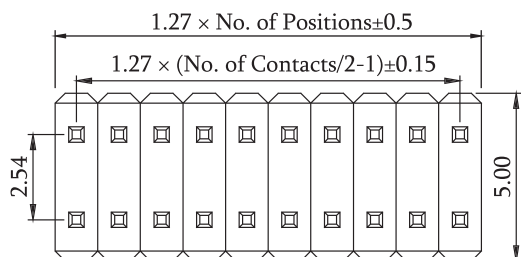
Dielectric Voltage: 500V AC for one minute

Material

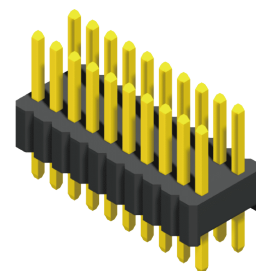
Insulator: Hi-Temp.Thermoplastic, UL 94V-0

Terminal: Copper Alloy

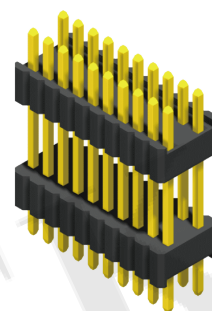
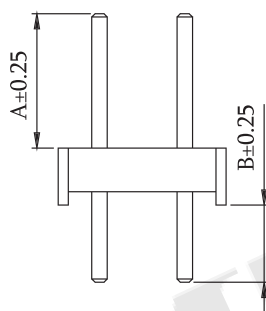
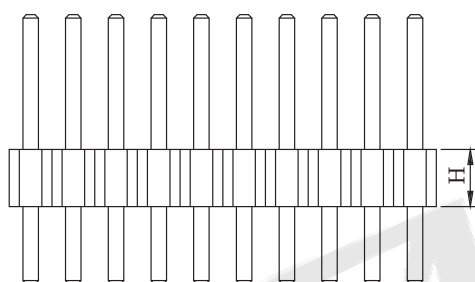
Standard Plating: Gold Flash



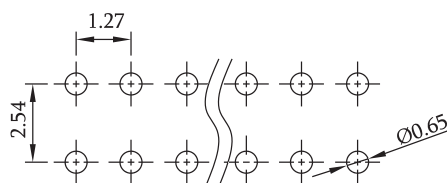
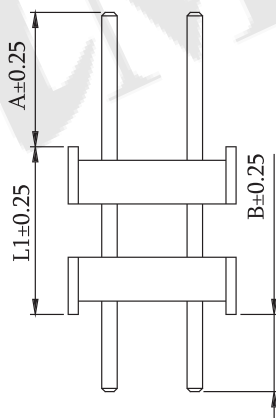
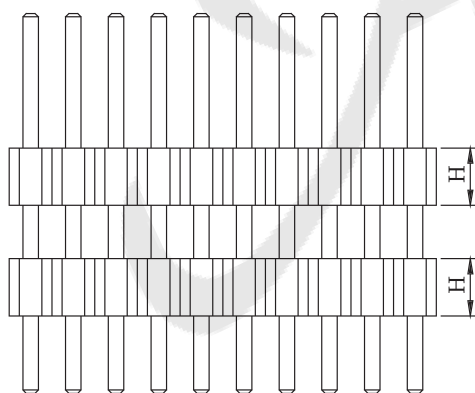
H	17	25
Plastic Height	1.7mm	2.5mm



P/N.:5PH4SDX17/25-2XXU



P/N.:5PH4DDX17/25-2XXU



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

ORDER INFORMATION

The diagram shows a 2x50 Pin Header with the following options and specifications:

- Pin 1:** 4: Pitch 1.27 x 2.54
- Pin 2:** SD: Single Plastic DIP, DD: Stack Plastic DIP
- Pin 3:** Plastic Height 17:H=1.7mm, 25:H=2.5mm
- Pin 4:** 2: Dual Row
- Pin 5:** No. of Contacts Per Row (02~50)
- Pin 6:** N: W/O Peg
- Pin 7:** X: Box
- Pin 8:** U: RoHS + Hi-Temp
- Pin 9:** A/B, A/L1/B

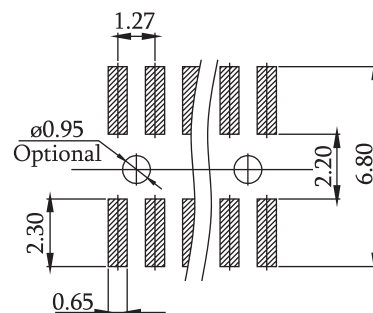
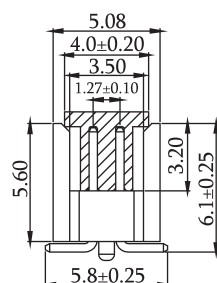
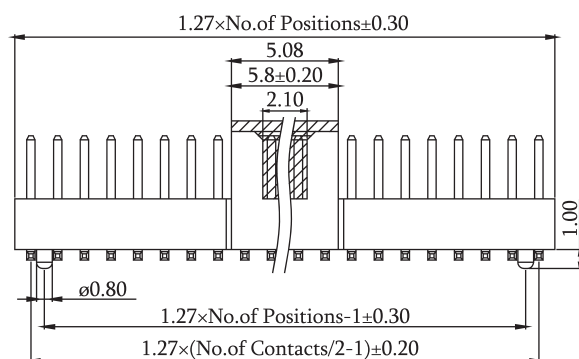
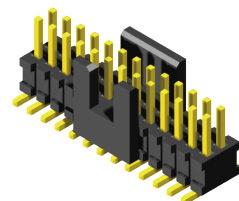
Pinout Table:

Pin	Option	Option
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"

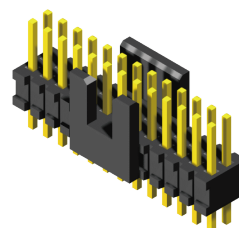
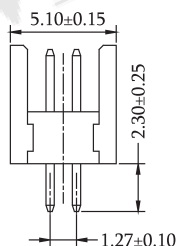
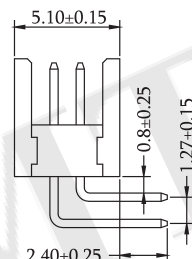
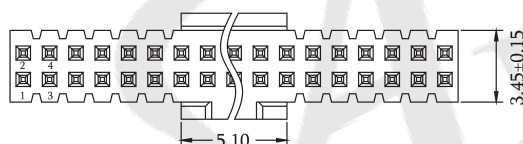
EX.: 040050023(A/L1/B)
040023000(A/B)
A: 4.00(040)
L1: 5.00(050)
B: 2.30(023)

Old P/N:PH4S17/25-2
PH4D17/25-2

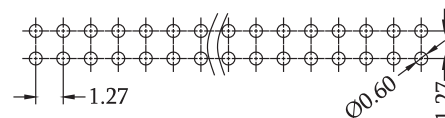
Insulator: Hi-Temp.Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)



P/N: 5BP3SDX25-XXU



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

```

graph TD
    5[5] --- 5P[3:Pitch 1.27 x 1.27]
    B[B] --- BMS[MS:SMT Straight]
    B --- BRD[RD:R/A DIP]
    B --- BSD[SD:Straight DIP]
    P[P] --- PPH[Plastic Height]
    P --- PHH[25:H=2.5mm]
    X1[X] --- X1C[No. of Contacts 10~80]
    X2[X] --- X2G[G0:Gold Flash]
    X2 --- X2S[S0:Selective Au]
    X3[X] --- X3GA[GA:Au 5u"]
    X3 --- X3GB[GB:Au 10u"]
    X3 --- X3GC[GC:Au 20u"]
    X3 --- X3GD[GD:Au 30u"]
    X3 --- X3T0[T0:Tin Plated]
    X4[X] --- X4SA[SA:Selective Au 5u"]
    X4 --- X4SB[SB:Selective Au 10u"]
    X4 --- X4SC[SC:Selective Au 20u"]
    X4 --- X4SD[SD:Selective Au 30u"]
    X4 --- X4TE[TE:Tin 200u"]
    X5[X] --- X5W5[5:W/O Peg;W/O Ejector]
    X5 --- X5W6[6:With Peg;W/O Ejector]
    X6[X] --- X6AT[A:Tray W/O Cap]
    X6 --- X6TT[T:Tube W/O Cap]
    U[U] --- UR[U:RoHS + Hi-Temp]
  
```

5: 3:Pitch 1.27 x 1.27

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

P: Plastic Height
25:H=2.5mm

X: No. of Contacts (10~80)

X: G0:Gold Flash
GA:Au 5u"
GB:Au 10u"
GC:Au 20u"
GD:Au 30u"
T0:Tin Plated

X: S0:Selective Au
SA:Selective Au 5u"
SB:Selective Au 10u"
SC:Selective Au 20u"
SD:Selective Au 30u"
TE:Tin 200u"

X: 5:W/O Peg;W/O Ejector
6:With Peg;W/O Ejector

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

U: 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:BPH3M/R/S

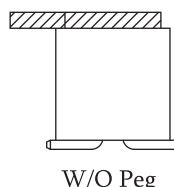
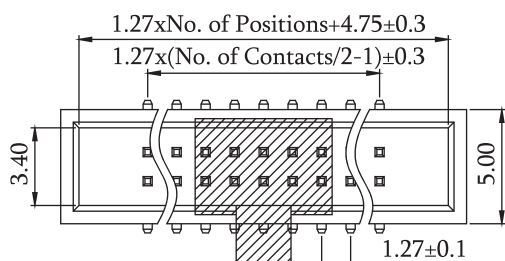
Box Header 1.27×1.27mm SQ Pin=0.4mm H=4.9 SMT / Right Angle / Straight Type

Specifications

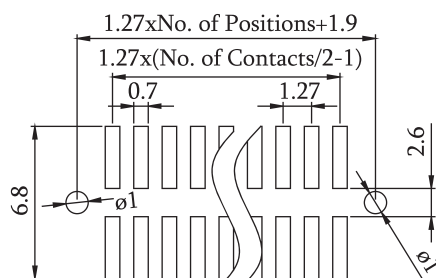
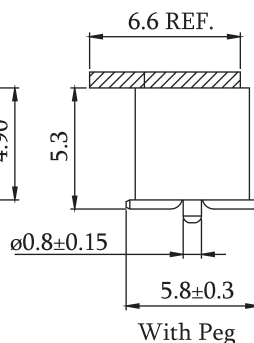
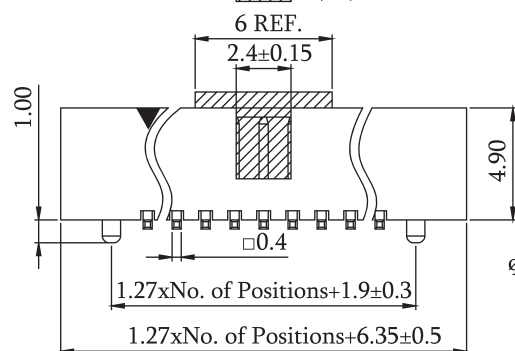
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

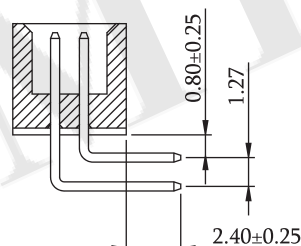
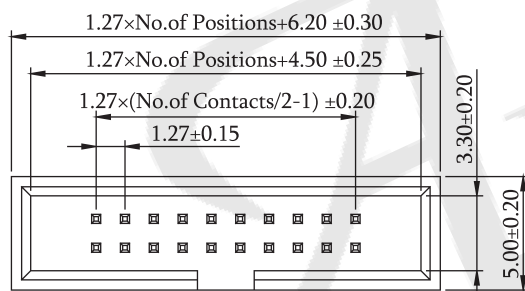
Insulator: Hi-Temp.Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



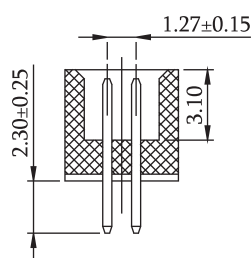
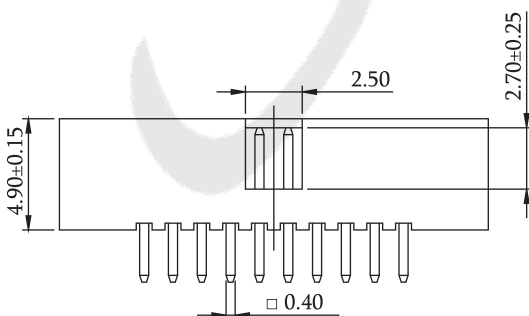
P/N.:5BH3MSX49-XXU



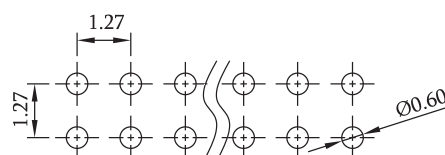
Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5BH3RDX49-XXU



P/N.:5BH3SDX49-XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	B	P	3	X	X	X	4	9	-	X	X	X	X	X	U
3:Pitch 1.27 × 1.27				MS:SMT Straight RD:R/A DIP SD: Straight DIP			Plastic Height 49:H=4.9mm		No. of Contacts (20~A1) (A1=100)		5:W/O Peg W/O Ejector 6:With Peg W/O Ejector For 5BH3MSC49 Only		X		U:RoHS + Hi-Temp

G0:Gold Flash	S0:Selective Au	A:Tray W/O Cap
GA:Au 5u"	SA:Selective Au 5u"	P:Tray With Cap
GB:Au 10u"	SB:Selective Au 10u"	T:Tube W/O Cap
GC:Au 20u"	SC:Selective Au 20u"	C:Tube With Cap
GD:Au 30u"	SD:Selective Au 30u"	H:T/R W/O Cap
T0:Tin Plated	TE:Tin 200u"	R:T/R 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: BH3CS/R/M

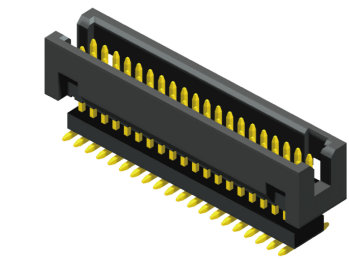
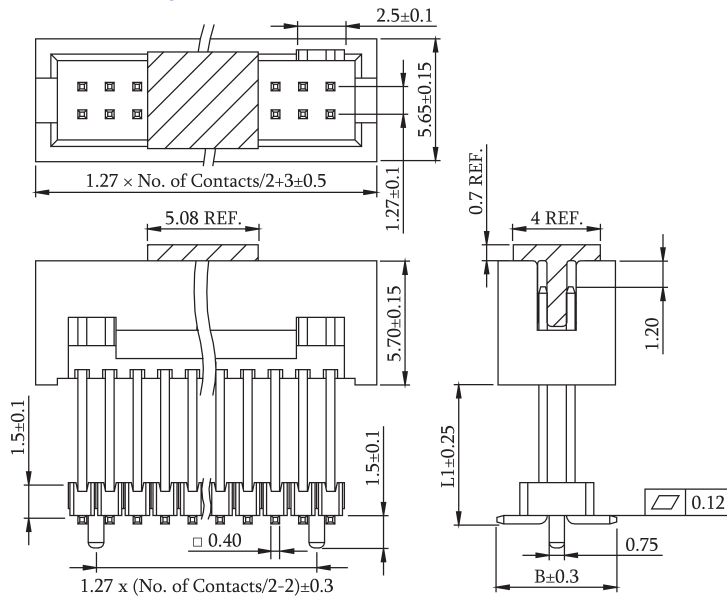
Box Header 1.27×1.27mm SQ Pin=0.4mm H=5.7mm Elevated SMT Type

Specifications

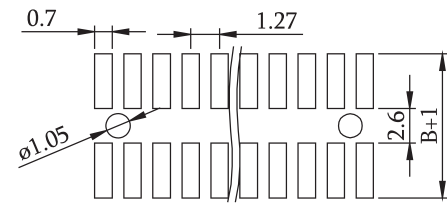
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

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



P/N.:5BH3EMX57-XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

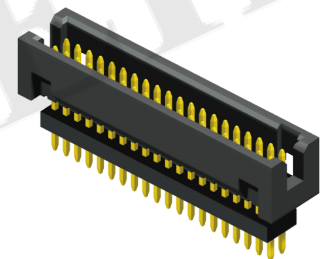
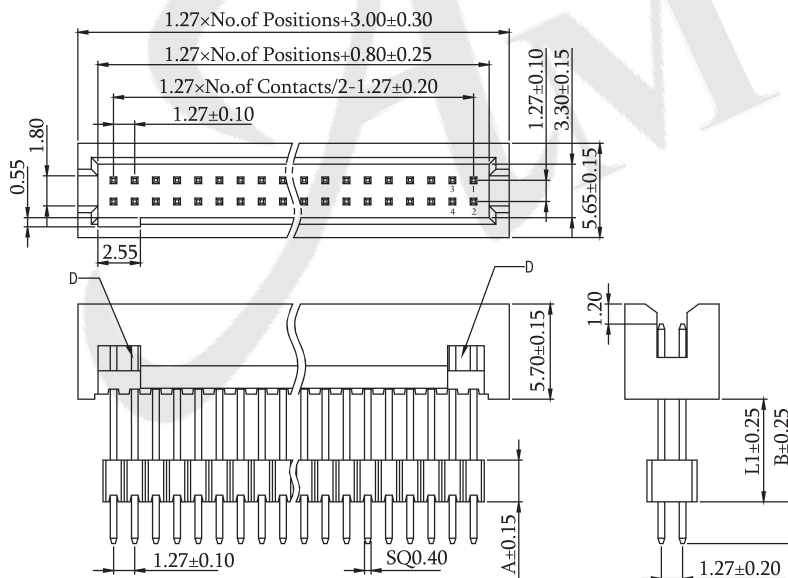
Box Header 1.27×1.27mm SQ Pin=0.4mm H=5.7mm Elevated Straight Type

Specifications

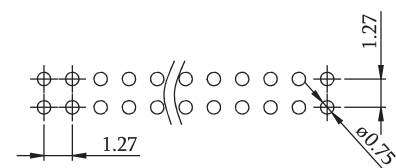
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

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



P/N.:5BH3ESX57-XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	B	H	3	X	X	X	5	7	-	X	X	X	X	X	U	L1/B			
3:Pitch 1.27 × 1.27				EM:Elevated SMT ES:Elevated DIP			Plastic Height 57:H=5.7mm			No. of Contacts (10~A1) (A1=100)			5:W/O Peg W/O Ejector 6:With Peg W/O Ejector For SMT Only			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"			T:Tube W/O Cap C:Tube With Cap H:T/R W/O Cap R:T/R 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: BH3EM/S

2-30

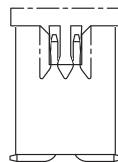
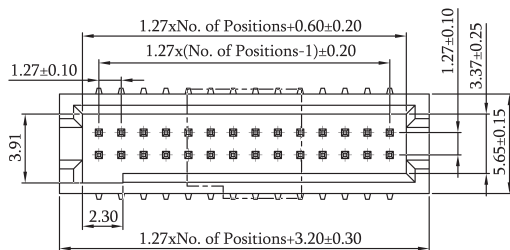
Box Header 1.27×1.27mm SQ Pin=0.4mm SMT Type

Specifications

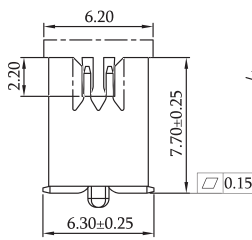
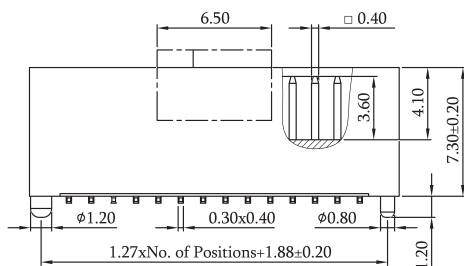
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

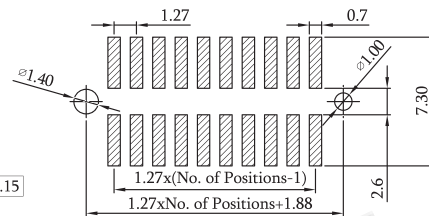
Insulator: Hi-Temp.Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



W/O Peg

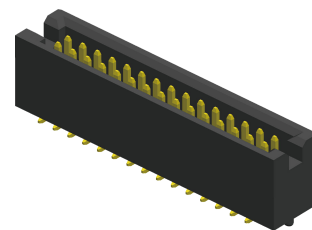


With Peg



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5BH3MSA73-XXU



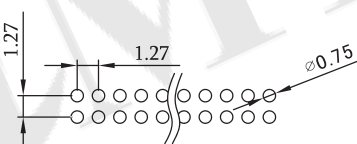
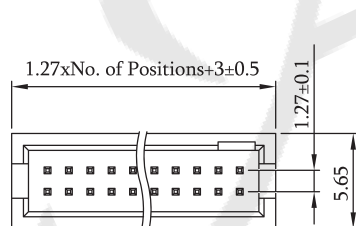
Box Header 1.27×1.27mm SQ Pin=0.4mm Straight Type

Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

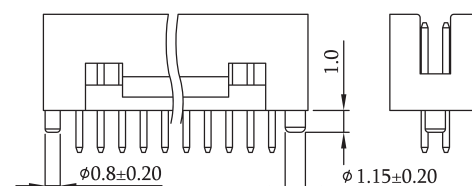
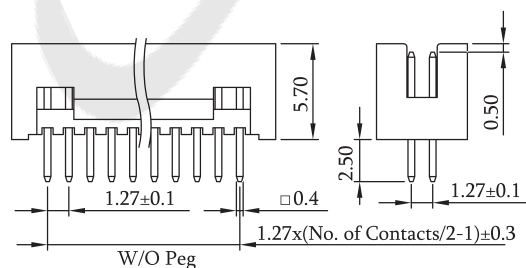
Material

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

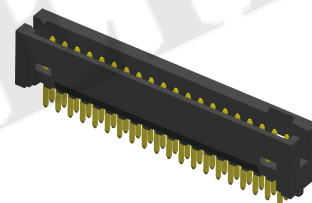


Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5BH3SDC57-XXU



With Peg



ORDER INFORMATION

5	B	H	3	X	X	X	X	X	-	X	X	X	X	X	X	X	U	
3:Pitch 1.27 × 1.27				MS:SMT Straight SD: Straight DIP			Plastic Height 73:H=7.3mm 57:H=5.7mm			No. of Contacts Per Row (10,14,16,20,24,26,30, 32,34,40,44,50,60,64,80,A1=100) H:7.3mm Per Row (10,16,20,26,28,34,44, 50,60,80,90,A1=100) H:5.7mm			5:W/O Peg;W/O Ejector 6:With Peg;W/O Ejector			A:Tray W/O Cap T:Tube W/O Cap		U:RoHS + Hi-Temp

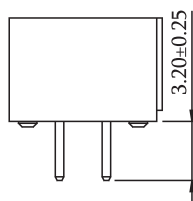
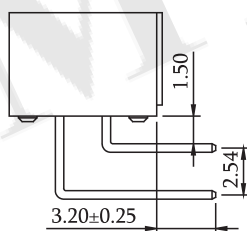
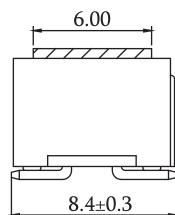
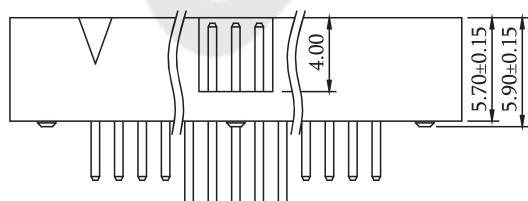
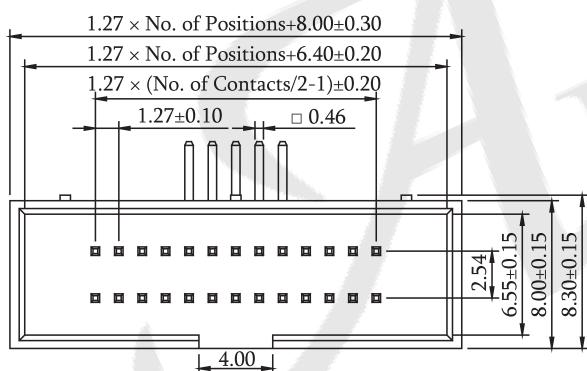
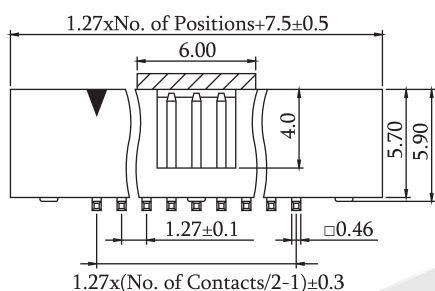
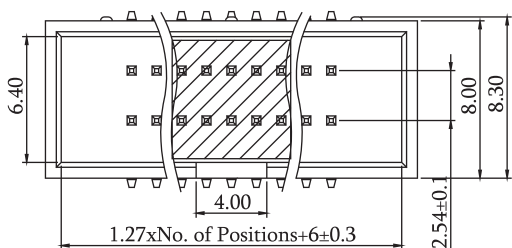
Box Header 1.27×2.54mm SQ Pin=0.46mm H=5.7mm SMT / Right Angle / Straight Type

Specifications

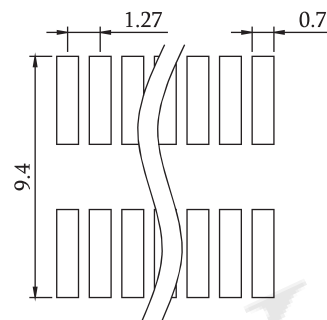
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

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



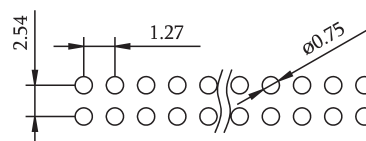
P/N.:5BH4MSB57-XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5BH4RDB57-XXU

P/N.:5BH4SDB57-XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	B	H	4	X	X	X	5	7	-	X	X	X	X	X	X	U					
4:Pitch 1.27 × 2.54				MS:SMT Straight SD:DIP Straight RD:DIP R/A			Plastic Height 57:H=5.7mm			No. of Contacts (06~A1) (A1=100)			5:W/O Peg W/O Ejector			A:Tray W/O Cap T:Tube W/O Cap H:T/R W/O 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"								

©: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:BH4M/R/S

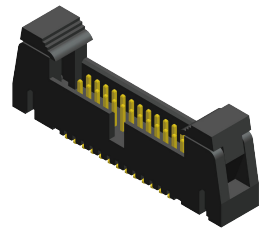
Ejector Header 1.27×1.27mm SQ Pin=0.4mm SMT / Right Angle / Straight Type

Specifications

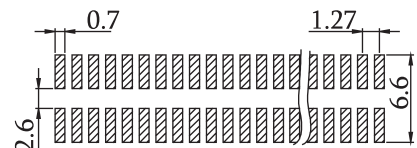
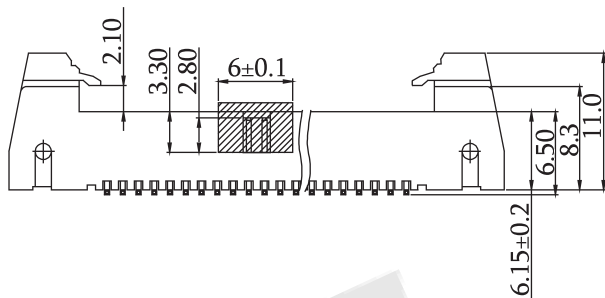
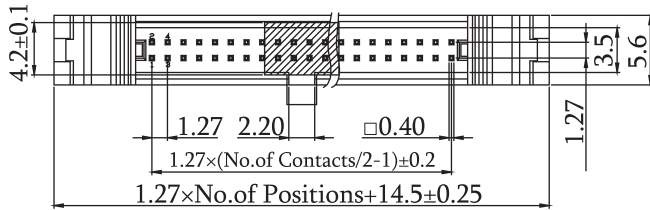
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

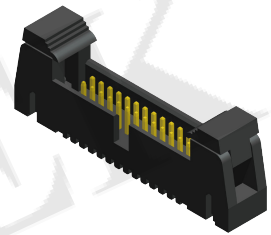
Insulator: Hi-Temp.Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



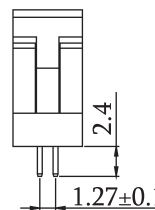
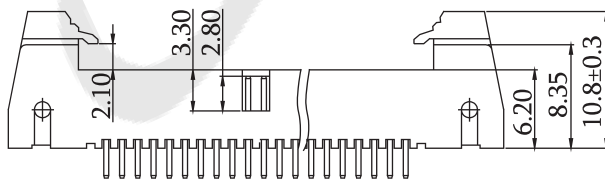
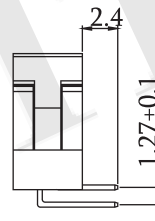
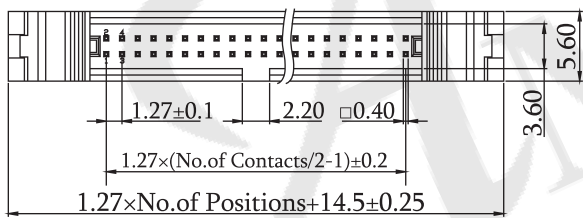
P/N.:5EH3MSDNN-XXU



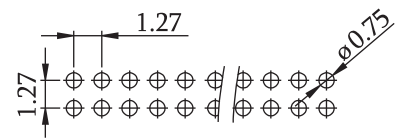
Recommended PCB Layout
(PCB TOLERANCE ±0.05)



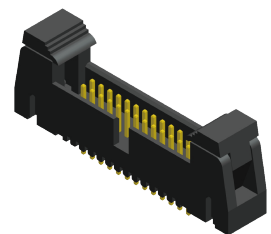
P/N.:5EH3RDANN-XXU



P/N.:5EH3SDDNN-XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



ORDER INFORMATION

5

E

H

3

3:Pitch 1.27 × 1.27

X

X

X

N

N

-

MS:SMT Straight

RD:R/A DIP

SD:Straight DIP

X

X

No. of Contacts (06~60)

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"

3

3:W/O Peg Short Ejector

X

T:Tube W/O Cap

A:Tray W/O Cap

H:T/R W/O Cap

R:T/R With Cap

U

-

0

0

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: EDH3M/R/S

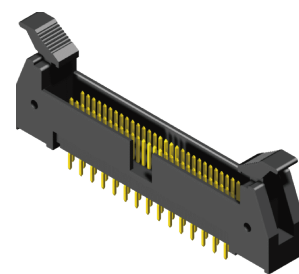
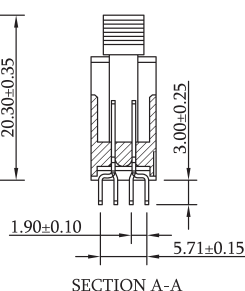
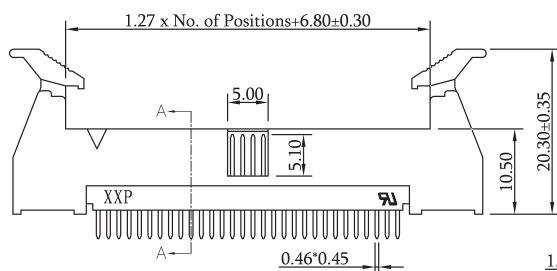
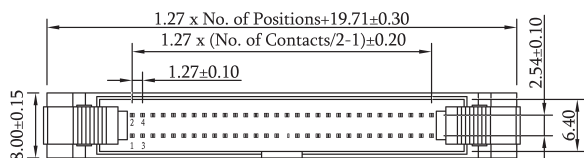
Ejector Header 1.27×2.54mm SQ Pin=0.46mm Straight A / B Type

Specifications

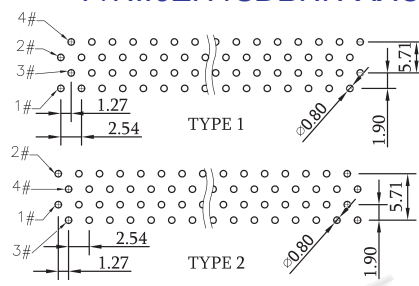
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

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

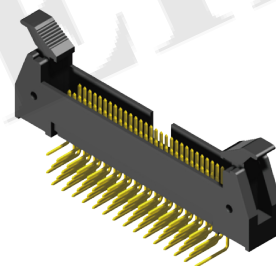
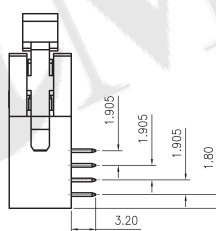
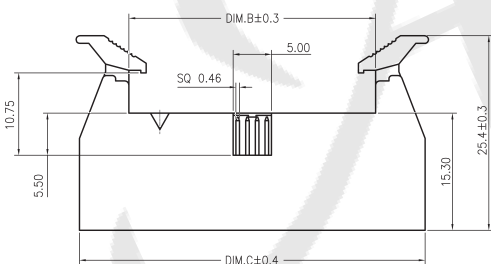
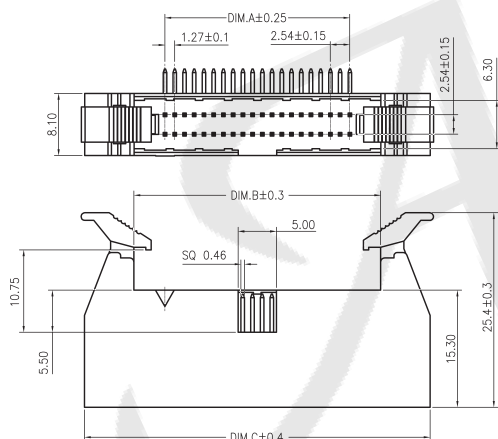


P/N.: 5EH4SDBNN-XXU



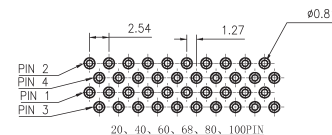
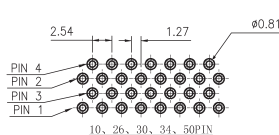
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Ejector Header 1.27×2.54mm SQ Pin=0.46mm Right Angle B Type



P/N.: 5EH4RDBE3-XXU

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
10	5.08	13.15	26.06	50	30.48	38.55	51.46
20	11.43	19.50	32.41	60	36.83	44.90	57.81
26	15.24	23.31	36.22	68	41.91	49.98	62.89
30	17.78	25.85	38.76	80	49.53	57.60	70.51
34	20.32	28.39	41.30	100(A1)	62.23	70.30	83.21
40	24.13	32.20	45.11	---	---	---	---



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	E	H	4	X	X	X	X	X	-	X	X	X	X	3	X	U	-	X	X	
4:Pitch 1.27 × 2.54				RD:R/A DIP SD:Straight DIP			Plastic Height NN:H=10.5 E3:H=15.3 For 5EH4SD/RDX			No. of Contacts (06~60)			3:W/O Peg Short Ejector			U:RoHS + Hi-Temp			01:Type 1 02:Type 2	

G0: Gold Flash	S0: Selective Au	T: Tube W/O Cap
GA: Au 5u"	SA: Selective Au 5u"	A: Tray W/O Cap
GB: Au 10u"	SB: Selective Au 10u"	H: T/R W/O Cap
GC: Au 20u"	SC: Selective Au 20u"	R: T/R With Cap
GD: Au 30u"	SD: Selective Au 30u"	
TO: 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: EDH4S/BS
EDH4BR

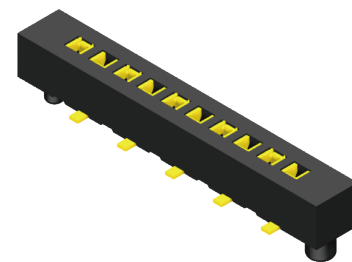
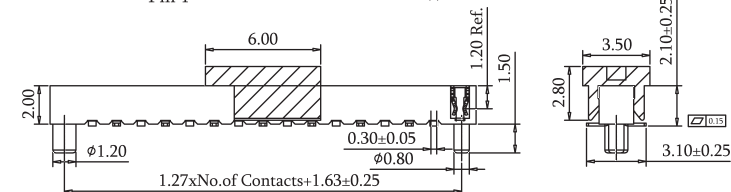
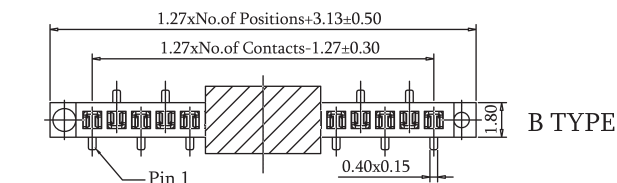
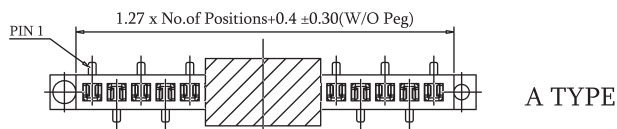
Female Header 1.27mm 1 Row H=2.0mm Bottom Entry SMT Type

Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

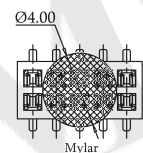
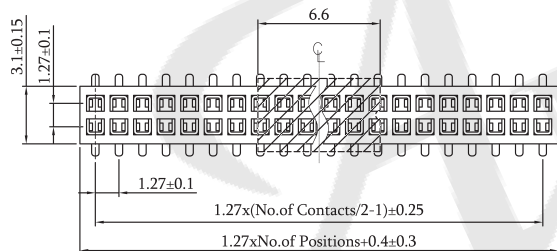
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



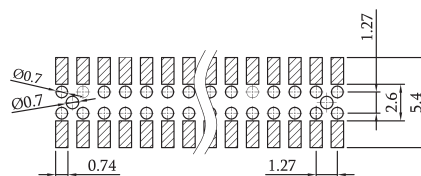
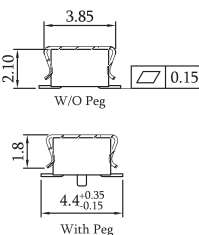
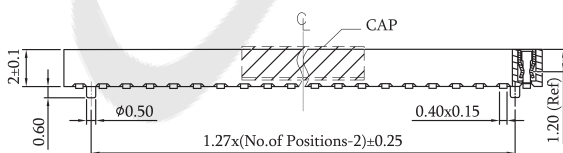
P/N.: 5PS3BMA20-1XXU

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Female Header 1.27mm 2 Row H=2.0mm Bottom Entry SMT Type



Special Cap for 2x2P, 2x3P, 2x4P



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PS3BMA20-2XXU

ORDER INFORMATION

5	P	S	3	B	M	A	2	0	-	X	X	X	X	N	X	X	X	U
3: Pitch 1.27 x 1.27				BM: Bottom Entry		Plastic Height 20: H=2.0mm		1: Single Row 2: Dual Row		No. of Contacts Per Row (02~40)				N: W/O Bump N: W/O Peg E: With outer Peg For Single Row Only 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 M: T/R With Mylar		U: RoHS + Hi-Temp
G0: Gold Flash		S0: Selective Au		A: A Type														
GA: Au 5u"		SA: Selective Au 5u"		B: B Type														
GB: Au 10u"		SB: Selective Au 10u"		For Single Row Only														
GC: Au 20u"		SC: Selective Au 20u"		For Dual Row Only														
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: PS3BM20-1/2

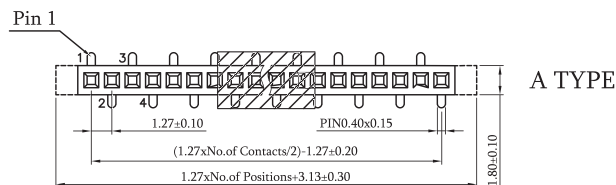
Female Header 1.27mm 1 Row H=2.1mm SMT Type

Specifications

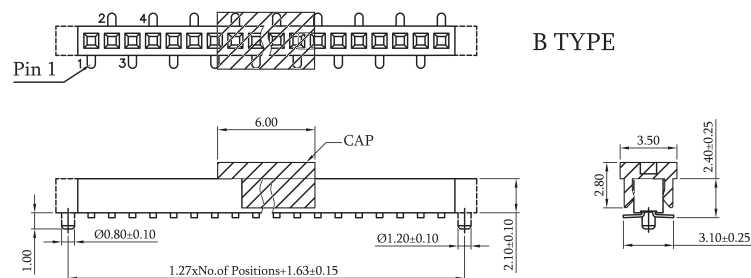
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

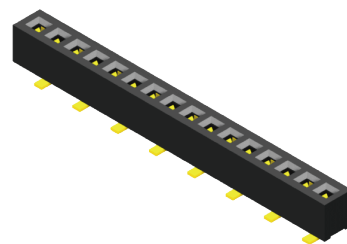
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



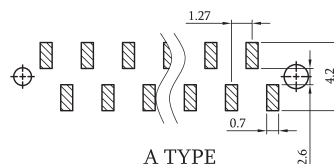
A TYPE



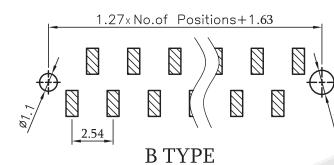
B TYPE



P/N.:5PS3MSA21-1XXU



A TYPE



B TYPE

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

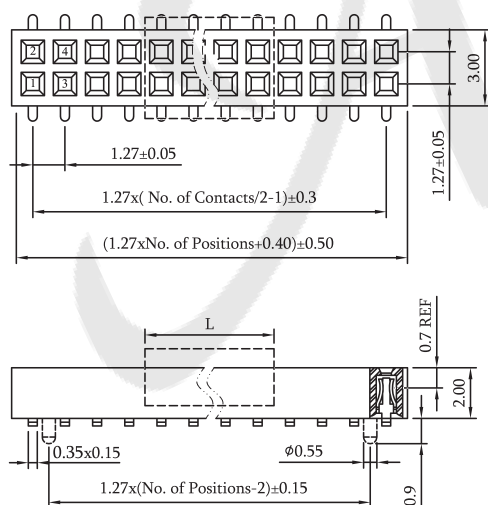
Female Header 1.27mm 2 Row H=2.1mm SMT Type

Specifications

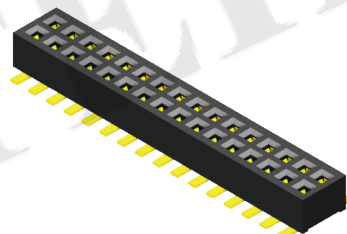
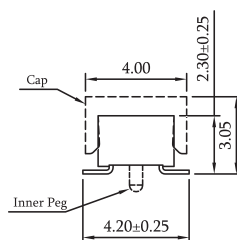
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

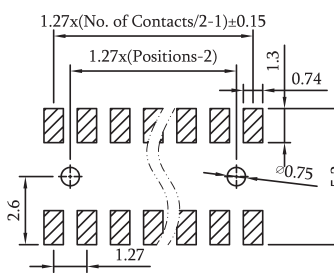
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



No of positions	Dim. L
2x2-2x3P	2.5
2x4-2x40P	5.1



P/N.:5PS3MSB21-2XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	S	3	M	S	X	2	1	-	X	X	X	X	N	X	X	X	U		
3:Pitch 1.27 × 1.27				MS:SMT Straight		Plastic Height 21:H=2.1mm		1:Single Row 2:Dual Row		No. of Contacts Per Row (02~50),For Single Row Per Row (04~50),For Dual Row				N:W/O Bump		N:W/O Peg E:With outer Peg For Single Row Only 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 B:Bag		U:RoHS + Hi-Temp
G0:Gold Flash		S0:Selective Au		A:A Type		B:B Type		For Single Row Only		N:Non Type		For Dual Row Only								
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

©: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:PS3M21-1/2

Technical drawing of a mechanical part. The drawing shows a cross-section of a component with a central vertical slot. The total width of the part is 1.27 ± 0.20. The depth of the central slot is 2.00 ± 0.25. The bottom of the part is labeled 40.75.

Technical drawing of a 10x10 hole grid. The grid consists of 10 columns and 10 rows of holes. The hole diameter is indicated as $\varnothing 0.75$. The center-to-center distance between adjacent holes is 1.27. The grid is shown with a perspective view of the top-left corner and a side view of the right edge.

The diagram illustrates a 50-pin DIP package with the following specifications:

- Pin 3:** Pitch 1.27 × 1.27
- Pin 4:** SD: Straight DIP
- Pin 21:** Plastic Height 21:H=2.1mm
- Pin 22:** 1: Single Row, 2: Dual Row
- Pin 23:** No. of Contacts Per Row (03~50)
- Pin 24:** G0: Gold Flash, GA: Au 5u", GB: Au 10u", GC: Au 20u", GD: Au 30u", IT: Tin Plated
- Pin 25:** S0: Selective Au, SA: Selective Au 5u", SB: Selective Au 10u", SC: Selective Au 20u", SD: Selective Au 30u", TE: Tin 200u"
- Pin 26:** N: W/O Bump
- Pin 27:** N: W/O Peg
- Pin 28:** N: Non Type
- Pin 29:** T: Tube W/O Cap, C: Tube With Cap, H: T/R W/O Cap, R: T/R With Cap
- Pin 30:** U: RoHS + Hi-Temp

©: Standard Recommended

Old P/N:PS3S21-1/2

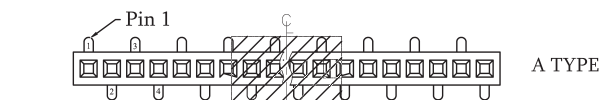
Female Header 1.27mm 1 Row H=3.4mm SMT Type

Specifications

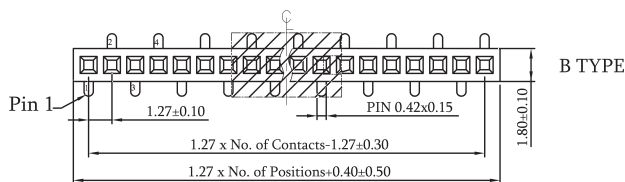
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

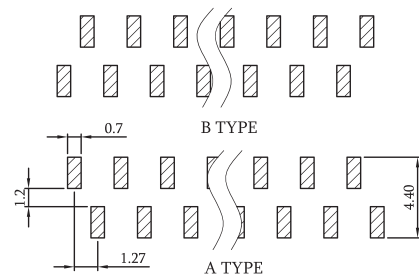
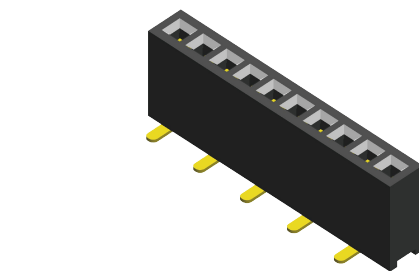
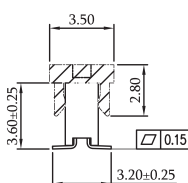
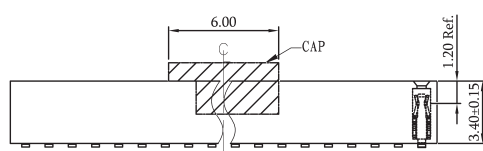
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



A TYPE



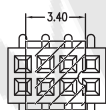
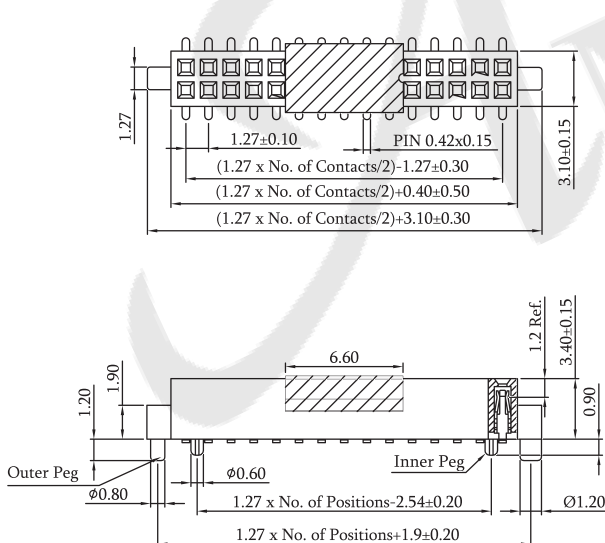
B TYPE



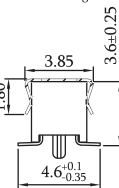
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS3MSA34-1XXU

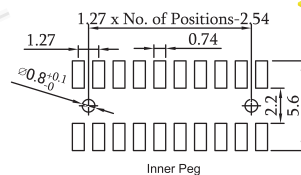
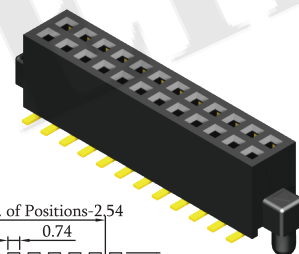
Female Header 1.27mm 2 Row H=3.4mm SMT Type



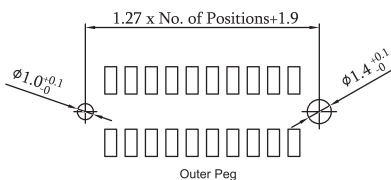
Outer Peg



Inner Peg



Inner Peg



Outer Peg

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS3MSA34-2XXU

ORDER INFORMATION

5	P	S	3	M	S	A	3	4	-	X	X	X	X	N	X	X	X	U		
3:Pitch 1.27 × 1.27				MS:SMT Straight			Plastic Height 34:H=3.4mm		1:Single Row 2:Dual Row		No. of Contacts Per Row (04~40),For Single Row Per Row (02~50),For Dual Row			N:W/O Bump		N:W/O Peg E:Outer Peg P:With Peg		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
G0:Gold Flash		S0:Selective Au		A:A Type B:B Type For Single Row Only N:Non Type For Dual Row Only																
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

© 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: PS3M34-1/2

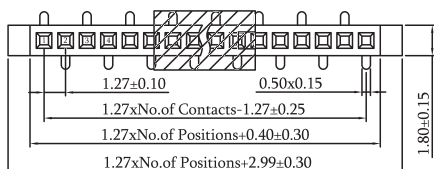
Female Header 1.27mm 1 Row H=4.4mm SMT Type

Specifications

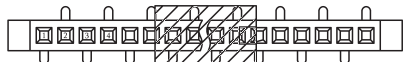
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

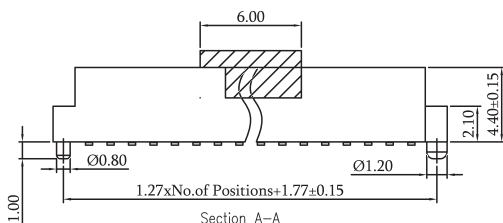
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



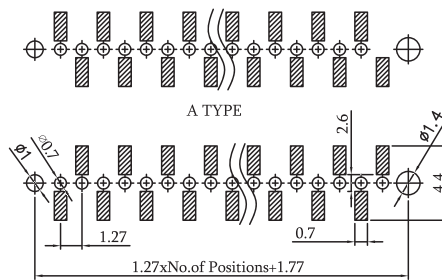
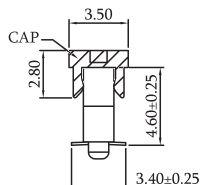
A TYPE



B TYPE



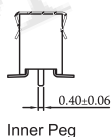
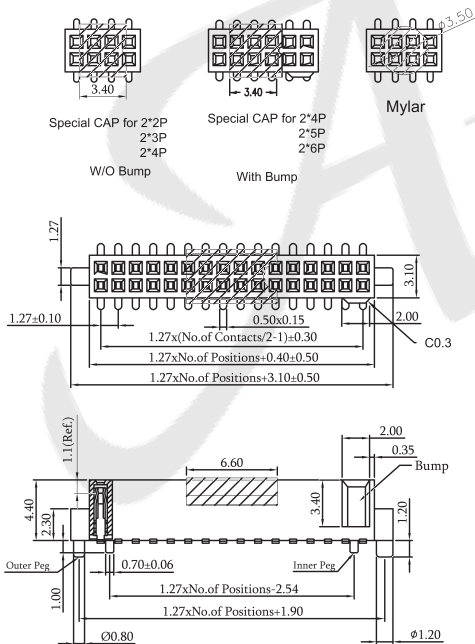
Section A-A



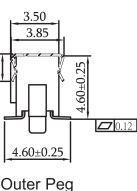
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PS3MSA44-1XXU

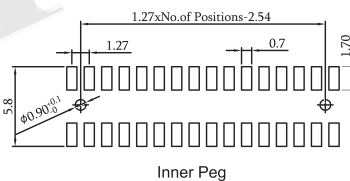
Female Header 1.27mm 2 Row H=4.4mm SMT Type



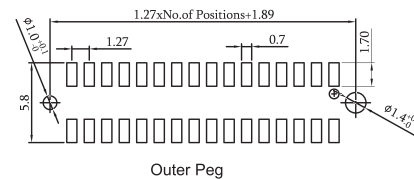
Inner Peg



Outer Peg



Inner Peg



Outer Peg

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PS3MSA44-2XXU

ORDER INFORMATION

5	P	S	3	M	S	A	4	4	-	X	X	X	X	N	X	X	X	U		
3:Pitch 1.27 × 1.27				MS:SMT Straight			Plastic Height 44:H=4.4mm		1:Single Row 2:Dual Row		No. of Contacts Per Row (02~50),For Single Row Per Row (03~50),For Dual Row			N:W/O Bump		N:W/O Peg E:With Outer 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 M:T/R With Mylar X:Box B:Bag		U:RoHS + Hi-Temp
G0:Gold Flash		S0:Selective Au		A:A Type		B:B Type		For Single Row Only		N:Non Type		For Dual Row Only								
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

◎: 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: PS3M44-1/2

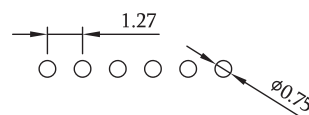
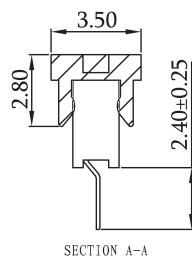
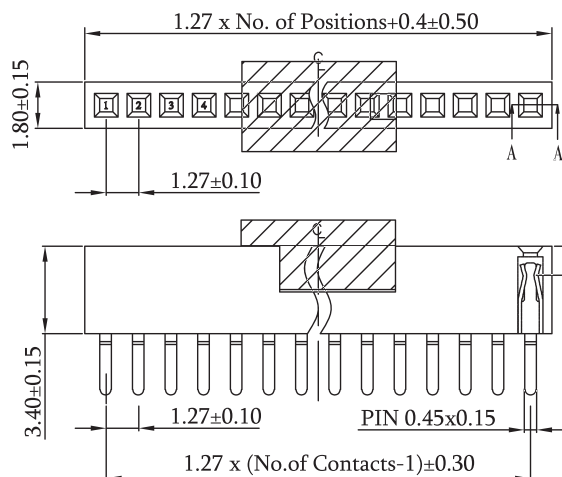
Female Header 1.27mm 1 Row H=3.4mm Straight Type

Specifications

Current Rating: 1 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.: 5PS3SDA34-1XXU

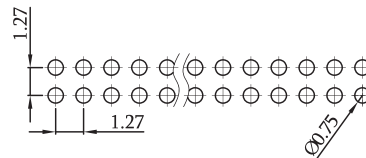
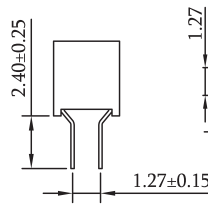
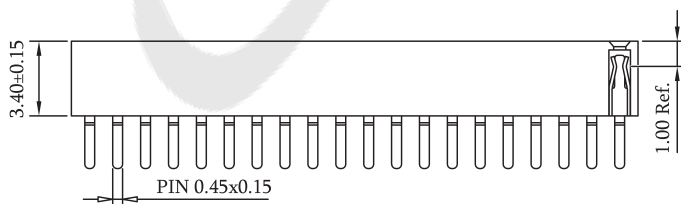
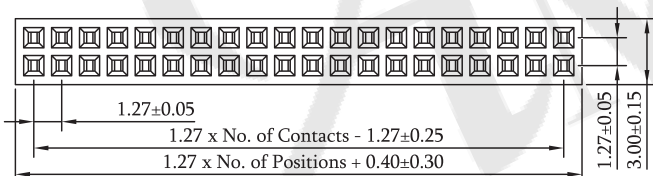
Female Header 1.27mm 2 Row H=3.4mm Straight Type

Specifications

Current Rating: 1 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.: 5PS3SDA34-2XXU

ORDER INFORMATION

5	P	S	3	S	D	A	3	4	-	X	X	X	X	N	N	N	X	U																
3: Pitch 1.27 × 1.27				SD: Straight DIP			Plastic Height 34: H=3.4mm		1: Single Row 2: Dual Row		No. of Contacts Per Row (02~30), For Single Row Per Row (02~50), For Dual Row			N: W/O Bump		N: W/O Peg		N: Non Type		U: RoHS + Hi-Temp														
											<table><tr><td>G0: Gold Flash</td><td>S0: Selective Au</td></tr><tr><td>GA: Au 5u"</td><td>SA: Selective Au 5u"</td></tr><tr><td>GB: Au 10u"</td><td>SB: Selective Au 10u"</td></tr><tr><td>GC: Au 20u"</td><td>SC: Selective Au 20u"</td></tr><tr><td>GD: Au 30u"</td><td>SD: Selective Au 30u"</td></tr><tr><td>T0: Tin Plated</td><td>TE: Tin 200u"</td></tr></table>			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"			<table><tr><td>T: Tube W/O Cap</td></tr><tr><td>C: Tube With Cap</td></tr><tr><td>H: T/R W/O Cap</td></tr><tr><td>R: T/R With Cap</td></tr><tr><td>F: Tube With Mylar</td></tr></table>		T: Tube W/O Cap	C: Tube With Cap	H: T/R W/O Cap	R: T/R With Cap	F: Tube With Mylar
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"																																	
T: Tube W/O Cap																																		
C: Tube With Cap																																		
H: T/R W/O Cap																																		
R: T/R With Cap																																		
F: Tube With Mylar																																		

©: 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: PS3S34-1/2

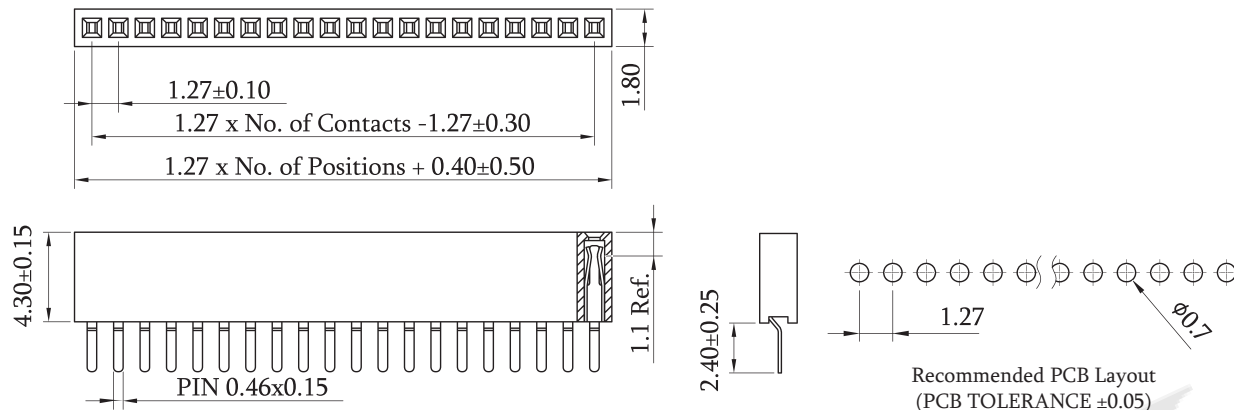
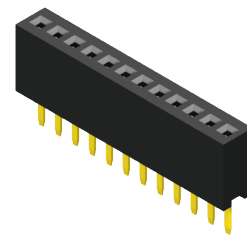
Female Header 1.27mm 1 Row H=4.4mm Straight Type

Specifications

Current Rating: 1 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.:5PS3SDA44-1XXU

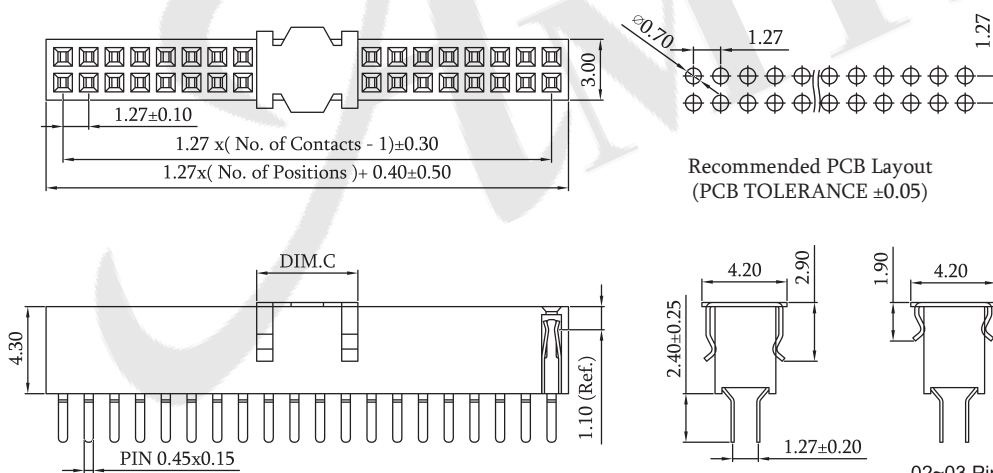
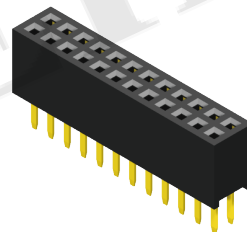
Female Header 1.27mm 2 Row H=4.4mm Straight Type

Specifications

Current Rating: 1 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



No. of Contacts	DIM.C
02-03	4.00
04-50	5.00

02-03 Pin

P/N.:5PS3SDA44-2XXU

ORDER INFORMATION

5	P	S	3	S	D	A	4	4	-	X	X	X	X	N	N	N	X	U						
3:Pitch 1.27 × 1.27				SD: Straight DIP			Plastic Height 44:H=4.4mm		1:Single Row 2:Dual Row		No. of Contacts Per Row (02~40),For Single Row Per Row (02~50),For Dual Row				N:W/O Bump		N:W/O Peg		N:Non Type		T:Tube W/O Cap H:T/R W/O Cap R:T/R With Cap X:Box		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		TE:Tin 200u"		

©: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:PS3S44-1/2

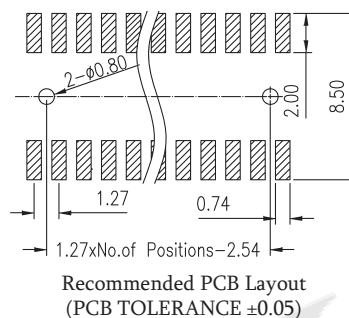
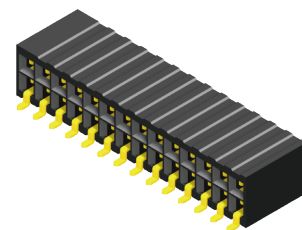
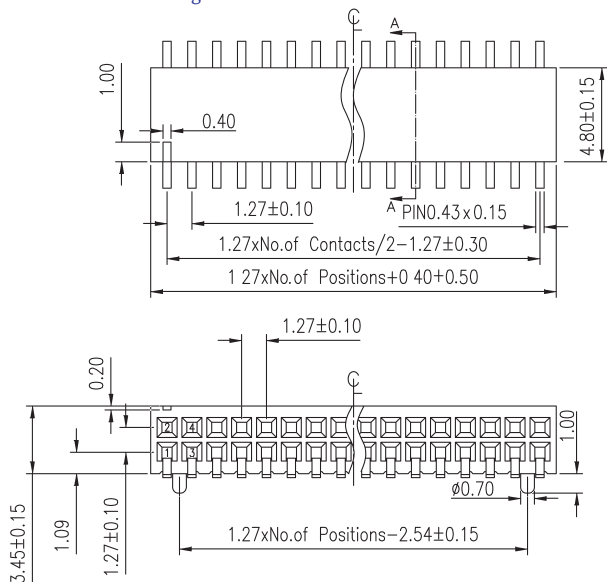
Female Header 1.27mm 2 Row H=3.45mm Side Entry SMT Type

Specifications

Current Rating: 1 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: 5PS3MHA35-2XXU

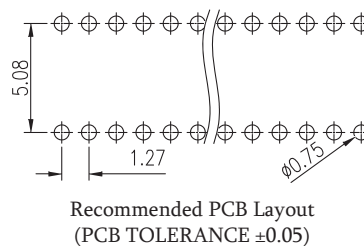
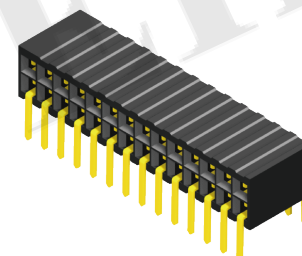
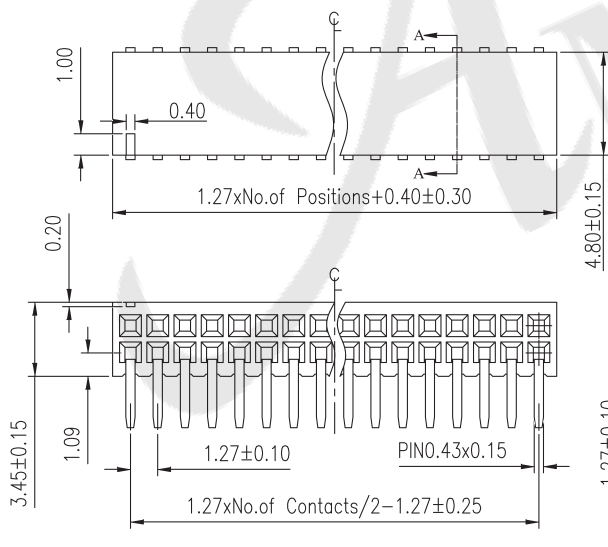
Female Header 1.27mm 2 Row H=3.45mm Side Entry Straight Type

Specifications

Current Rating: 1 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: 5PS3SHA34-2XXU

ORDER INFORMATION

5	P	S	3	X	X	A	X	X	-	2	X	X	X	X	N	N	N	X	U
MH: SMT Side Entry SH: DIP Side Entry				Plastic Height 35: H=3.45mm 34: H=3.45mm Only For 5PS3SHX34-2				2: Dual Row		No. of Contacts Per Row (02~50)		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		U: RoHS + Hi-Temp T: Tube W/O Cap H: T/R 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: PS3MS/RS-2

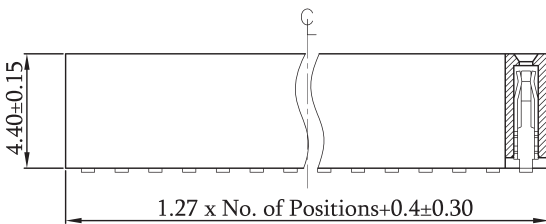
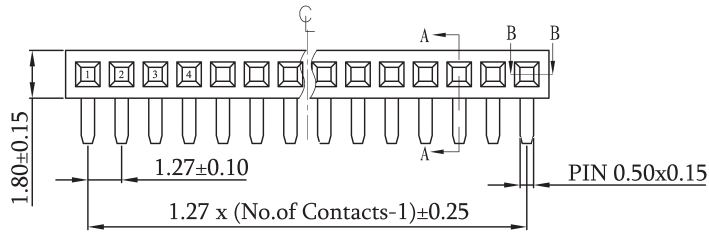
Female Header 1.27mm 1 Row H=4.4mm Right Angle Type

Specifications

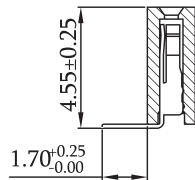
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

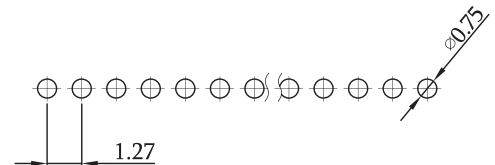
Insulator: Hi-Temp.Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



SECTION B-B



SECTION A-A



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS3RDA44-1XXU

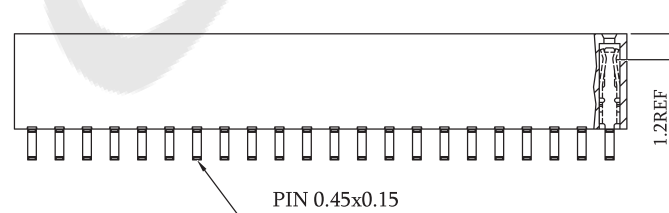
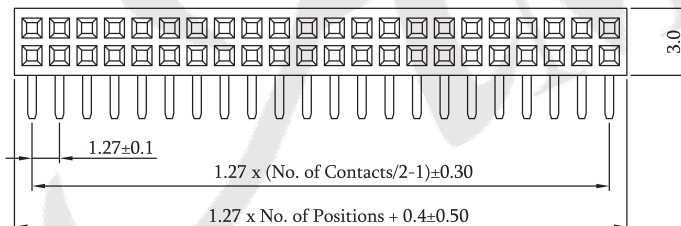
Female Header 1.27mm 2 Row H=4.4mm Right Angle Type

Specifications

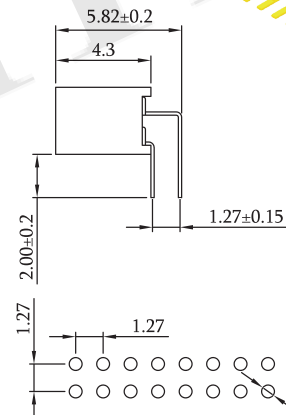
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

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



PIN 0.45x0.15



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS3RDB44-2XXU

ORDER INFORMATION

5	P	S	3	R	D	X	4	4	-	X	X	X	X	N	N	N	X	U			
3:Pitch 1.27 × 1.27				RD:R/A DIP		Plastic Height 44:H=4.4mm		1:Single Row 2:Dual Row		No. of Contacts Per Row (02~40),For Single Row Per Row (02~50),For Dual Row				N:W/O Bump		N:W/O Peg		N:Non Type		U:RoHS + Hi-Temp	
																		T:Tube W/O Cap H:T/R 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

◎: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:PS3R44-1/2

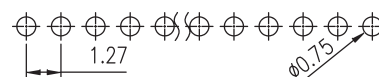
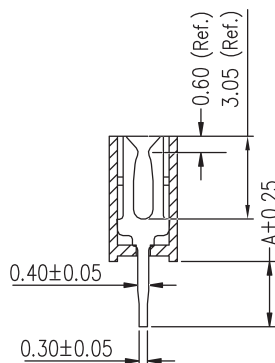
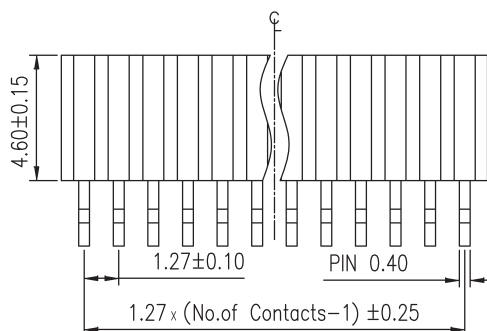
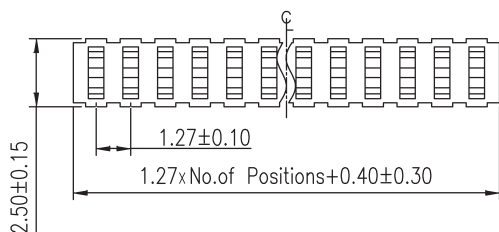
Female Header 1.27×2.54mm 1 Row H=4.6mm Straight Type

Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

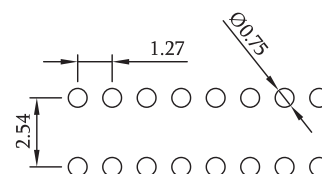
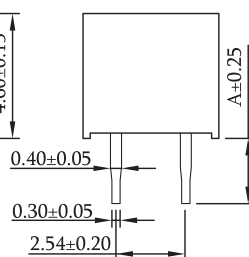
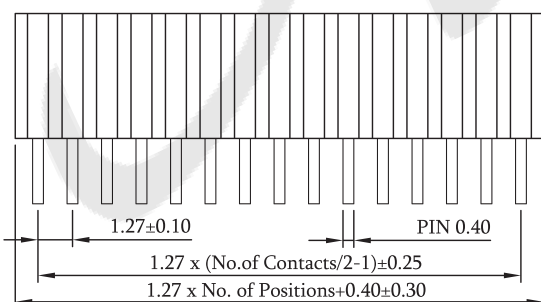
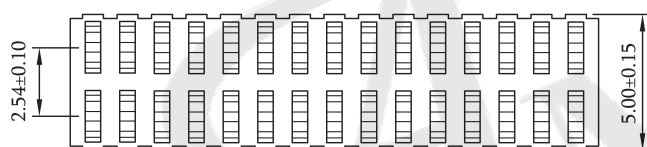
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS4SDA46-1XXU

Female Header 1.27×2.54mm 2 Row H=4.6mm Straight Type



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5PS4SDA46-2XXU

ORDER INFORMATION

5	P	S	4	S	D	A	4	6	-	X	X	X	X	N	N	N	T	U		
4:Pitch 1.27 × 2.54				SD: Straight DIP			Plastic Height 46:H=4.6mm		1: Single Row 2: Dual Row		No. of Contacts Per Row (02~50)		N:W/O Bump		N:W/O Peg		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"						
																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: PS4S46-1/2

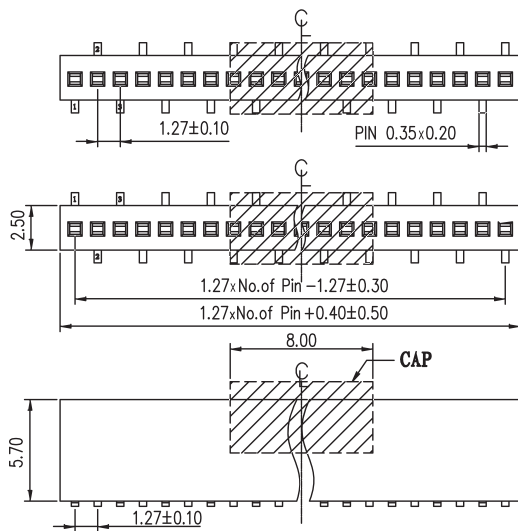
Female Header 1.27×2.54mm 1 Row H=5.7mm SMT Type

Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

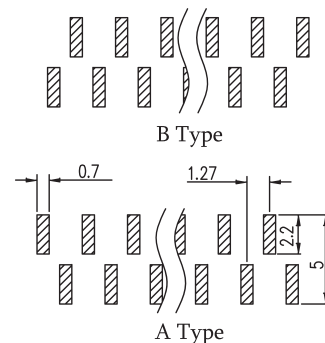
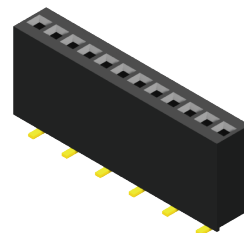
Material

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



B Type

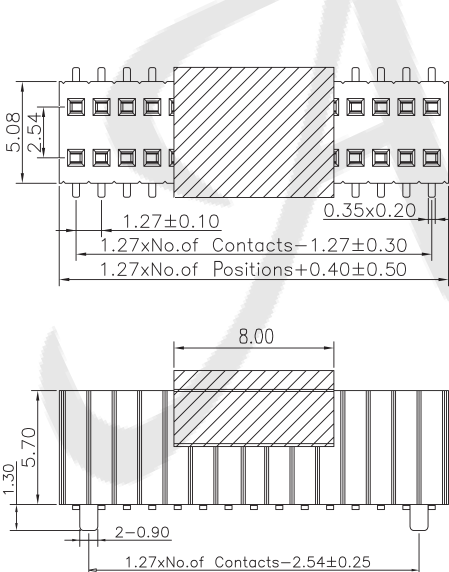
A Type



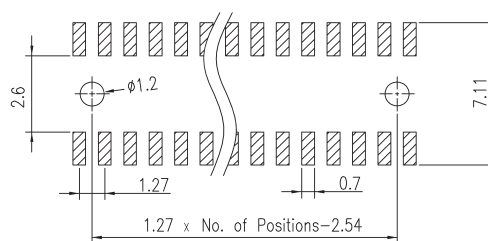
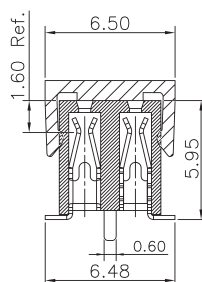
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PS4MSB57-1XXU

Female Header 1.27×2.54mm 2 Row H=5.7mm SMT Type



Cap for 2x3P-2x5P



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.: 5PS4MSA57-2XXU

ORDER INFORMATION

5	P	S	4	M	S	X	5	7	-	X	X	X	X	N	N	X	X	U				
4:Pitch 1.27 × 2.54				MS:SMT Straight			Plastic Height S7:H=5.7mm			1:Single Row 2:Dual Row		No. of Contacts Per Row (03~40),For Single Row Per Row (03~50),For Dual Row			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	
										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

©: 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: PS4M57-1/2

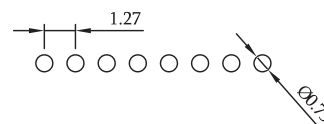
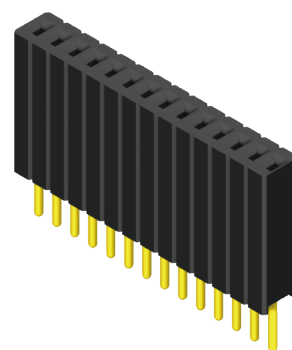
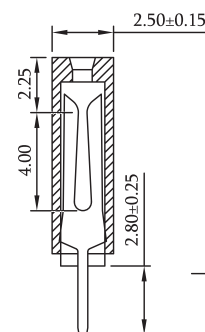
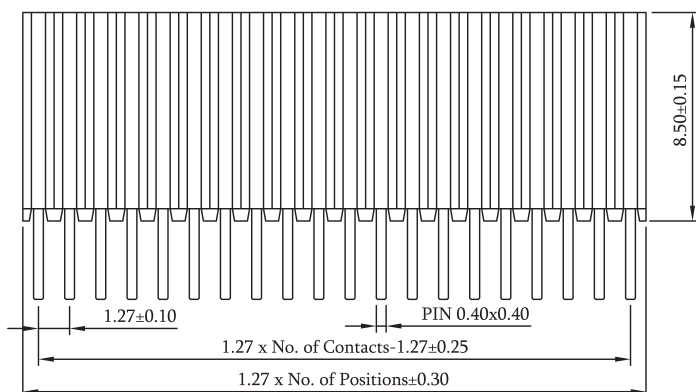
Female Header 1.27×2.54mm 1 Row H=8.5mm Straight Type

Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

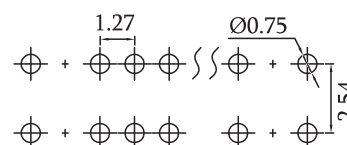
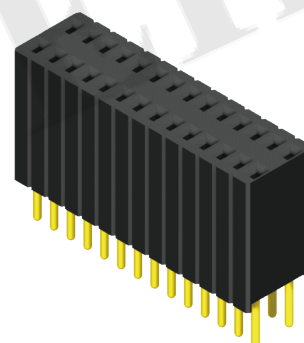
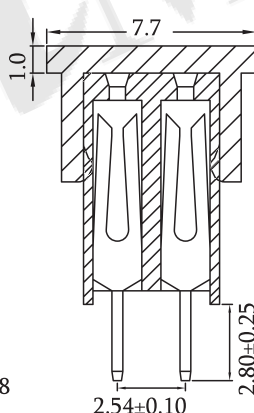
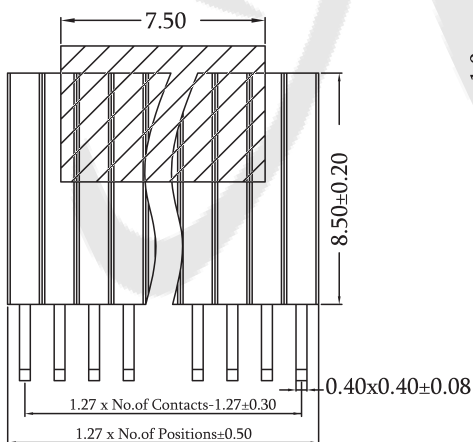
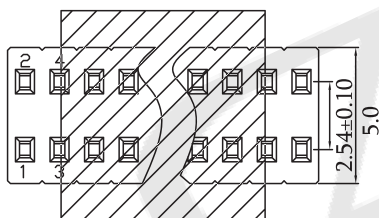
Insulator: Hi-Temp. Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

P/N.:5PS4SDA85-1XXU

Female Header 1.27×2.54mm 2 Row H=8.5mm Straight Type



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

P/N.:5PS4SDB85-2XXU

ORDER INFORMATION

[illegible]

©: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:PS4S46-1/2

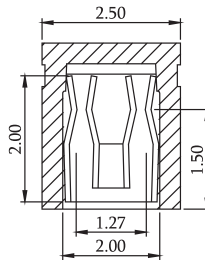
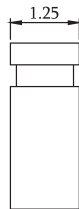
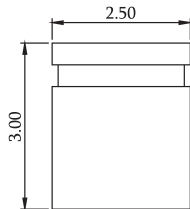
Mini Jumper 1.27mm

Specifications

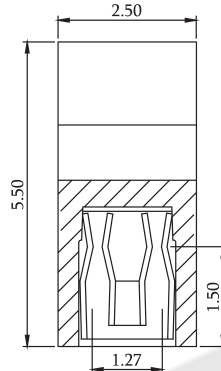
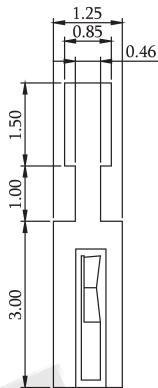
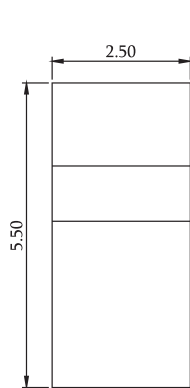
Current Rating: 3 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute

Material

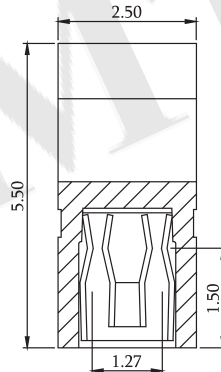
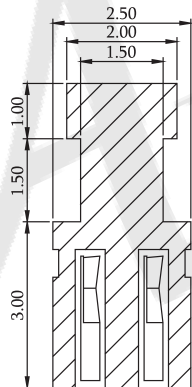
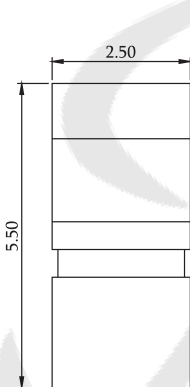
Insulator: Nylon 66, UL 94V-0
Terminal: Copper Alloy
Standard Plating: Gold Flash



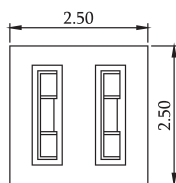
A Type



D Type



E Type



ORDER INFORMATION

5 J P 3 P

P: Phosphor Bronze

X -

A: Close 3.0mm
D: With Handle 5.5mm
E: Multi-Post

X X

No. of Contacts
21(2P)
22(4P)
(For E Type only)

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 + Nylon 66