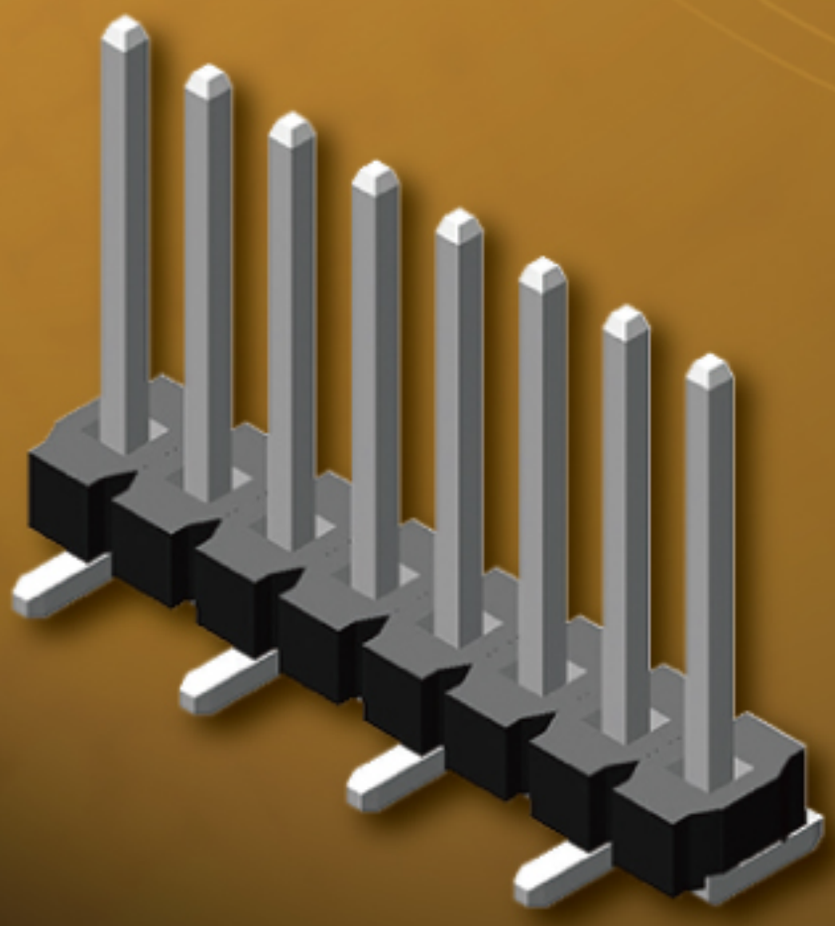
Header & Socket Connectors

2-150~2-153 • PCB Conn. 3.96mm

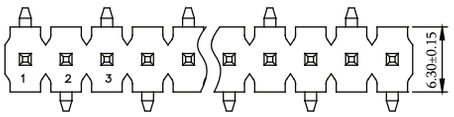


AMTEK Technology Co., Ltd

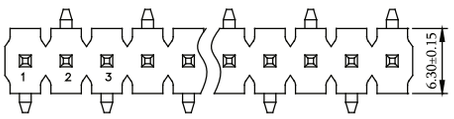
Pin Header 3.96mm 1 Row H=3.2mm SMT Type

Specifications
Current Rating:7 AMP
Insulation Resistance:1000MΩ Min.
Contact Resistance:20mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-40°C to +105°C

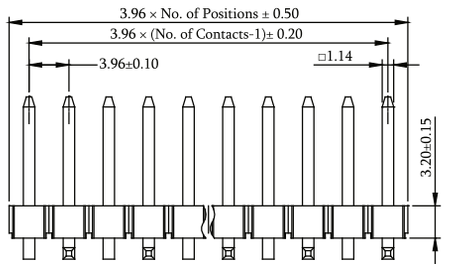
Material
Insulator:Polyester,UL 94V-0
◎Standard:LCP
Terminal:Copper Alloy
Standard Plating:Tin Plated

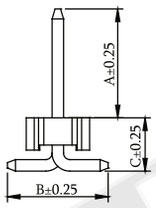


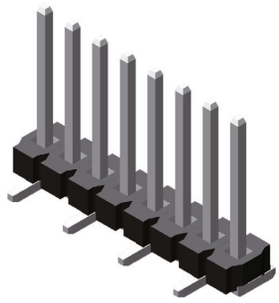
A TYPE



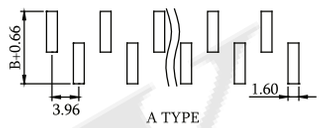
B TYPE



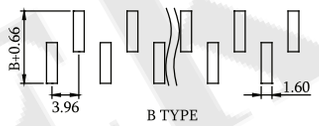




P/N.:5PH9MSX32-1XXU



A TYPE



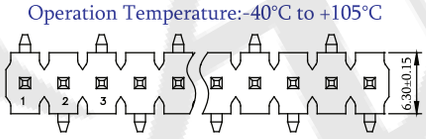
B TYPE

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Pin Header 3.96mm 1 Row H=3.2mm Stack SMT Type

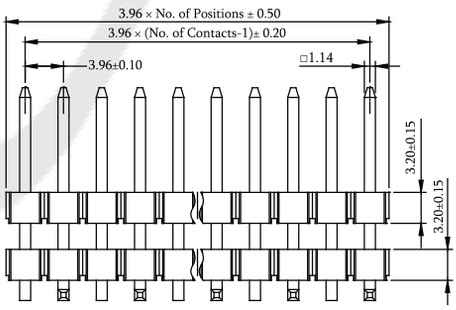
Specifications
Current Rating:7 AMP
Insulation Resistance:1000MΩ Min.
Contact Resistance:20mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-40°C to +105°C

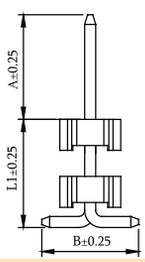
Material
Insulator:Polyester,UL 94V-0
◎Standard:LCP
Terminal:Copper Alloy
Standard Plating:Tin Plated

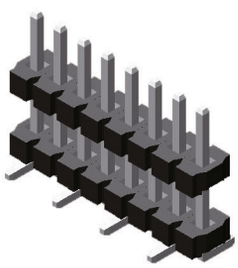


A TYPE

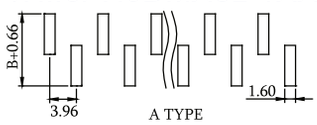
B TYPE



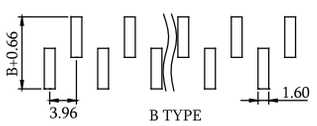




P/N.:5PH9DMX32-1XXU



A TYPE



B TYPE

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	9	X	X	X	3	2	-	1	X	X	X	X	N	X	X	U	-	A/L1/B
																				A/B/C

- X: MS:Single Plastic SMT; DM:Stack Plastic SMT
- 32: Plastic Height 32:H=3.2mm
- 1: 1:Single Row
- XX: No.of Contacts Per Row(01~20)
- XX: ◎G0:Gold Flash; GA:Gold 5u"; GB:Gold 10u"; GC:Gold 20u"; GD:Gold 30u"; T0:Tin Plated; TE:Tin 200u"; S0:Selective; SA:Selective 5u"; SB:Selective 10u"; SC:Selective 20u"; SD:Selective 30u"
- N: N:W/O Peg
- X: A:A Type; B:B Type
- X: ◎B:Bag; T:Tube, W/O Cap; R:Tape & Reel, With Cap
- U: U:RoHS + Hi-Temp.
- A/L1/B: EX.:060033050; A:6.00(060); B/L1:3.30(033); C/B:5.00(050); A/B/C For Single Plastic Type Only; A/L1/B For Stack Plastic Type Only

◎:Standard Recommend
Tube package is not available for under 1*5 & 2*5 pin counts

Old P/N:PH396M/DM32-1

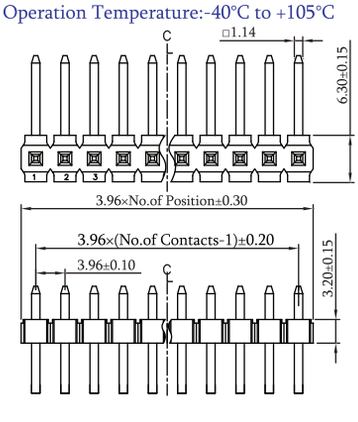
P in Header 3.96mm
Pb RoHS
CONNECTORS MANUFACTURER

Pin Header 3.96mm 1 Row H=3.2mm Right Angle Type

Specifications
Current Rating:7 AMP
Insulation Resistance:1000MΩ Min.
Contact Resistance:20mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-40℃ to +105℃

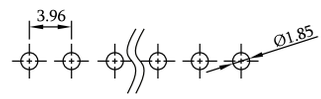
Material
Insulator:Polyester,UL 94V-0
◎Standard:LCP
Terminal:Copper Alloy
Standard Plating:Tin Plated

P/N.:5PH9RUX32-1XXU



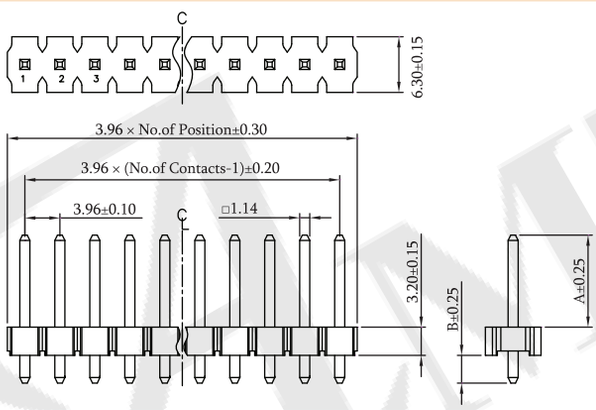
Table

Lead Style	Dimension		
	Dim.A	Dim.B	Dim.C
01	8.15	4.45	5.73
02	13.60	4.00	8.13
03	10.75	4.50	9.48



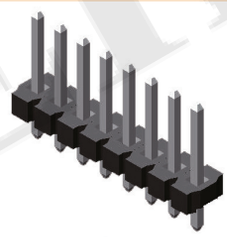
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Pin Header 3.96mm 1 Row H=3.2mm Straight Type

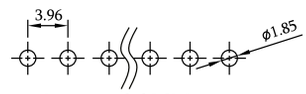


Table

Lead Style	Dimension	
	Dim.A	Dim.B
02	11.45	4.45
03	12.70	
04	20.55	4.00
05	3.80	12.10
06	11.45	3.20
13	10.80	3.50

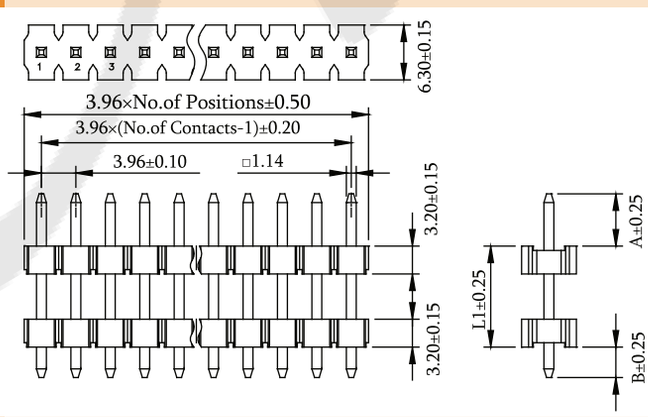


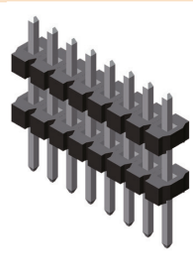
P/N.:5PH9SDX32-1XXU



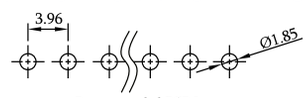
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Pin Header 3.96mm 1 Row H=3.2mm Stack Straight Type





P/N.:5PH9DDX32-1XXU



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	H	9	X	X	A	3	2	-	1	X	X	X	X	N	N	B	U	-	A/B / A/B/C / A/L1/B

- X X: RU:Single Plastic R/A DIP; SD:Single Plastic DIP; DD:Stack Plastic DIP
- A3 2: Plastic Height 32:H=3.2mm
- 1: 1:Single Row
- X X: No.of Contacts Per Row(01~20)
- X X: G0:Gold Flash; GA:Gold 5u"; GB:Gold 10u"; GC:Gold 20u"; GD:Gold 30u"; ◎T0:Tin Plated; TE:Tin 200u"; S0:Selective; SA:Selective 5u"; SB:Selective 10u"; SC:Selective 20u"; SD:Selective 30u"
- N N: N:W/O Peg
- B: B:Bag
- U: U:RoHS + Hi-Temp.
- A/B: EX.:082045057; A:8.15(082); B/L1:4.45(045); C/B:5.73(057); A/B For DIP Type Only
- A/B/C: A/B/C For R/A Type Only
- A/L1/B: A/L1/B For Stack Type Only

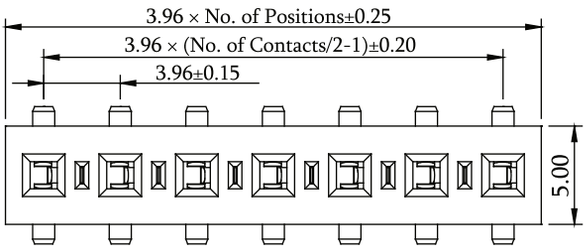
Old P/N:PH396R32-1
PH396S32-1
PH396D32-1

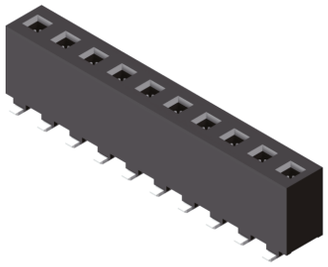
◎:Standard Recommend
Tube package is not available for under 1*5 & 2*5 pin counts

Female Header 3.96mm 1 Row H=8.89mm SMT Type

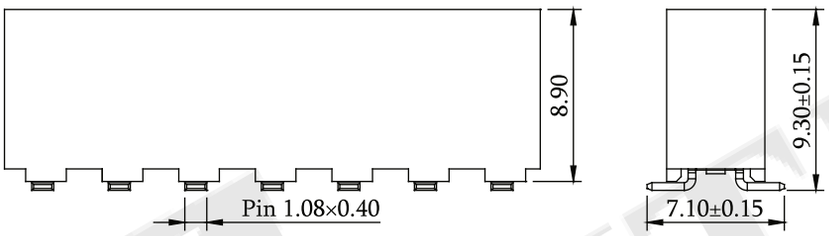
Specifications
Current Rating:7 AMP
Insulation Resistance:1000MΩ Min.
Contact Resistance:20mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-40°C to +105°C

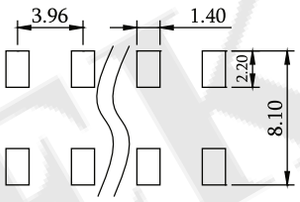
Material
Insulator:Polyester,UL 94V-0
◎Standard:LCP
Terminal:Copper Alloy
Standard Plating:Tin Plated





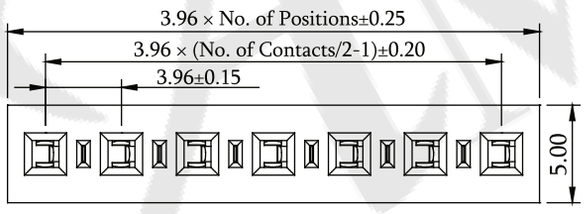
P/N.:5PS9MSX89-1XXU

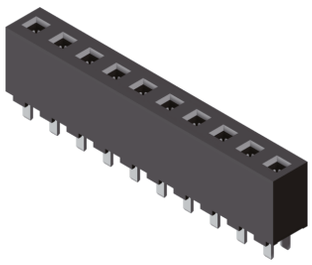




Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Female Header 3.96mm 1 Row H=8.89mm Straight Type





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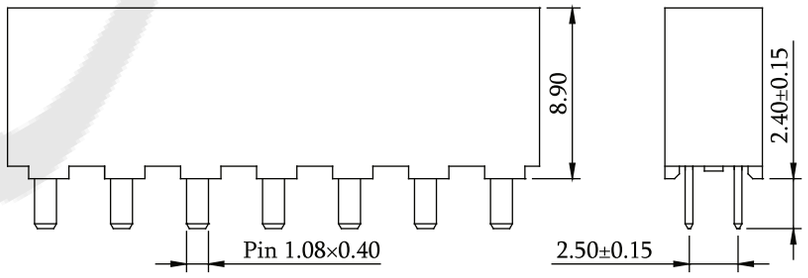

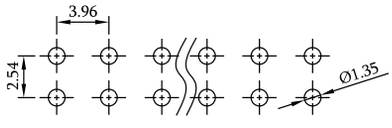

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION

5	P	S	9	X	X	X	8	9	-	1	X	X	X	X	N	N	N	X	U

- X X X: MS:Straight SMT / SD:Straight DIP
- 8 9: Plastic Height 89:H=8.9mm
- 1: 1:Single Row
- X X: No. of Contacts Per Row (02~24)
- X X: G0:Gold Flash, GA:Gold 5u", GB:Gold 10u", GC:Gold 20u", GD:Gold 30u", ◎T0:Tin Plated, TE:Tin 200u" / S0:Selective, SA:Selective 5u", SB:Selective 10u", SC:Selective 20u", SD:Selective 30u"
- N: N:W/O Bump
- N: N:W/O Peg
- N: T:Tube, W/O Cap; C:Tube, With Cap; H:Tape & Reel, W/O Cap; R:Tape & Reel, With Cap
- X: U:RoHS + Hi-Temp.

◎:Standard Recommend
Tube package is not available for under 1*5 & 2*5 pin counts

Old P/N:PS396M89-1
PS396S-1