

.394"(10.0mm) Pitch/Disconnectable Insulation Displacement Connectors

.394"(10.0mm) Connectors



.394" (10.0mm) Pitch 90° /180° Wafer

Specifications:

Material And Finish:

Insulator: See code, Color:Black

Contact: High conductivity copper

Plated:See Ordering Information

Rating:

Current Rating:50 Amp

Voltage Rating:600V DC

Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

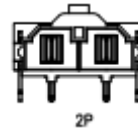
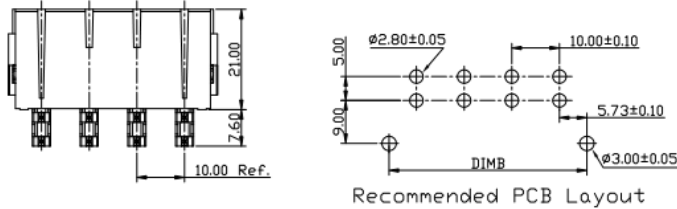
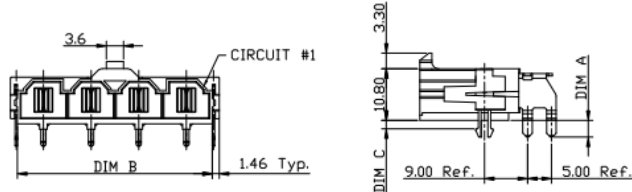
Withstanding Voltage:1500V AC/Minute



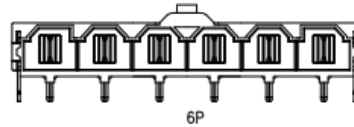
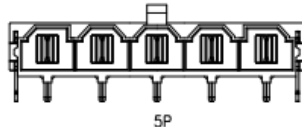
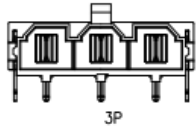
Ordering Information

A10001R-XXX-13-XXX
1 2 3 4 5 6 7

- 1:— Series No.
- 2:— R/R/A Type
- 3:— No. of Positions
- 4:— Q: Tin Plated
H: Selective Gold Flash Plated
A2: 30u" Gold on contact; Tin on tail
- 5:— N: PA6T, UL94V-0
Blank: PA46, UL94V-0
- 6:— A: In Bag
B: In Tube
C: In Tray
- 7:— Blank: A=3.50, C=1.80
1: A=5.10, C=2.60
2: A=5.10, C=3.40
3: A=8.30, C=6.58



Circuit	DIM B
02	20.90
03	30.90
04	40.90
05	50.90
06	60.90



Specifications:

Material And Finish:

Insulator: See code, Color:Black

Contact: High conductivity copper

Plated:See Ordering Information

Rating:

Current Rating:50 Amp

Voltage Rating:600V DC

Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

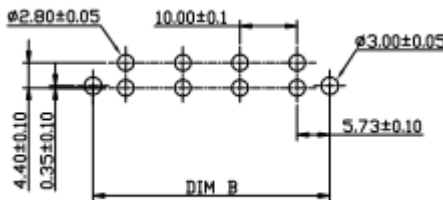
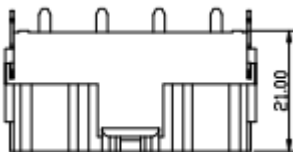
Withstanding Voltage:1500V AC/Minute



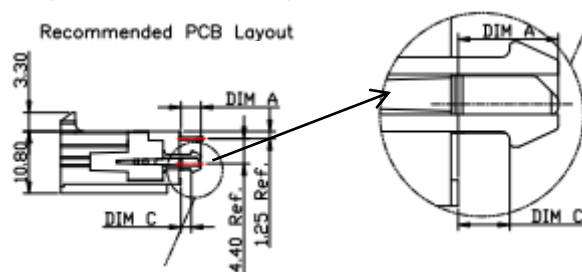
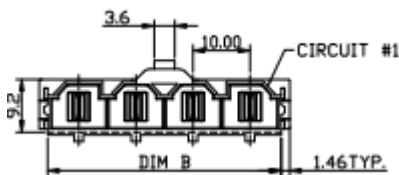
Ordering Information

A10001S-XXX-13-XXX
1 2 3 4 5 6 7

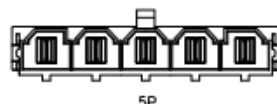
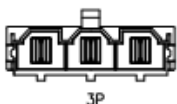
- 1:— Series No.
- 2:— S: Straight Type
- 3:— No. of Positions
- 4:— H: Selective Gold Flash Plated
A2: 30u" Gold on contact; Tin on tail
Q: Tin Plated
- 5:— N: PA6T, UL94V-0
Blank: PA46, UL94V-0
- 6:— A: In Bag
B: In Tube
C: In Tray
- 7:— Blank: A=3.50, C=1.80
1: A=5.10, C=2.60
2: A=5.10, C=3.40
3: A=8.30, C=6.58



Recommended PCB Layout



Circuit	DIM B
02	20.90
03	30.90
04	40.90
05	50.90
06	60.90

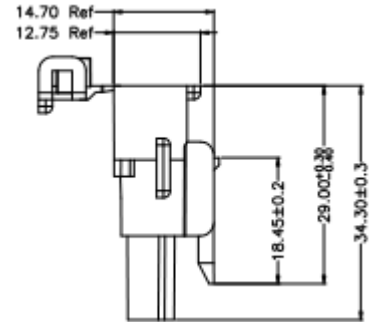
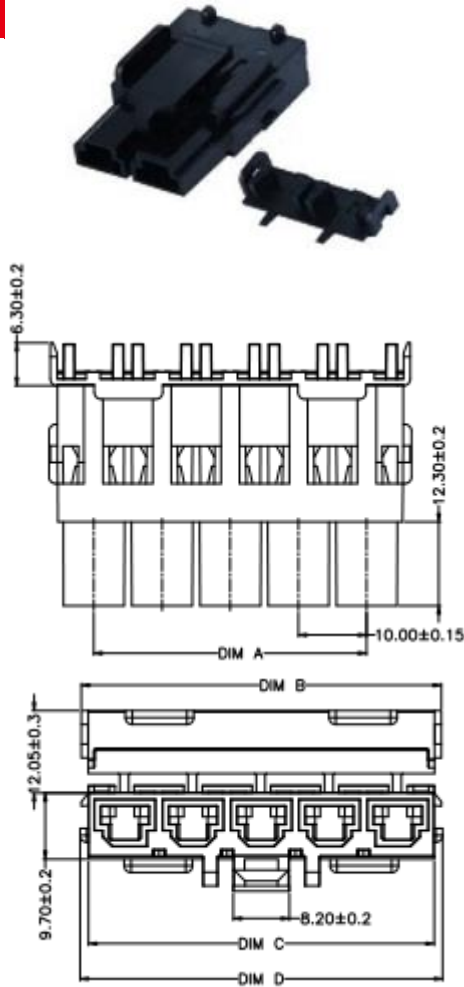
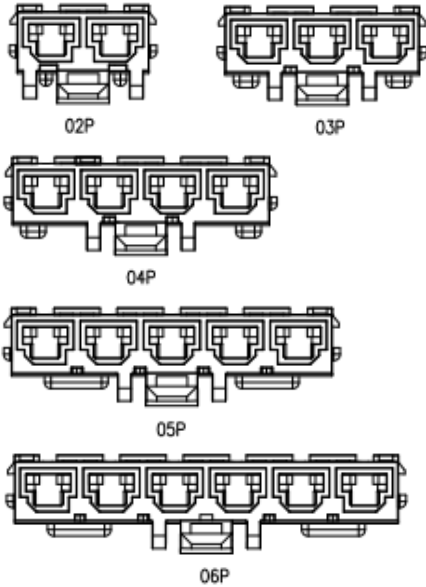


.394" (10.0mm) Pitch Housing

Specifications:
Material And Finish
Insulator: Nylon, UL94V-0 Color: Black

Rating:
Current Rating: 50A AC/DC
Voltage Rating: 600V AC/DC
Operating Temperature Range: $-40^{\circ}\sim+130^{\circ}\text{C}$

Electrical:
Contact resistance: 20m Ohm Max
Insulator resistance: 1000M ohm min.
Withstanding Voltage: 1000V AC/Minute

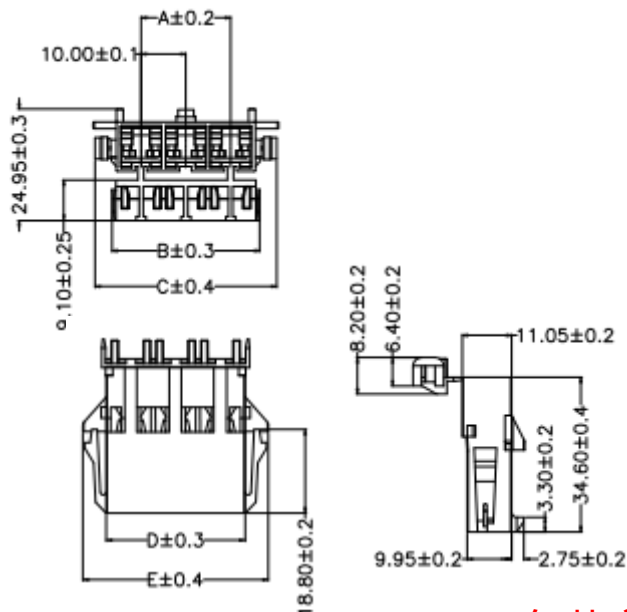
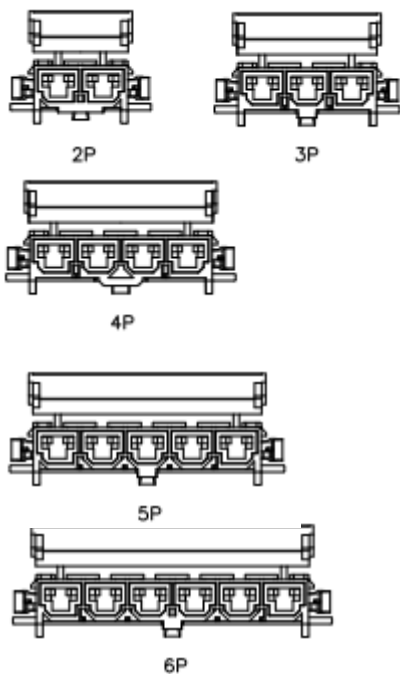


Positions	Dimensions			
	A	B	C	D
02	10.00±0.15	22.80±0.2	20.70±0.2	23.16±0.2
03	20.00 ^{+0.2} _{-0.25}	32.80 ^{+0.2} _{-0.25}	30.70 ^{+0.2} _{-0.25}	33.16 ^{+0.2} _{-0.25}
04	30.00 ^{+0.2} _{-0.35}	42.80 ^{+0.2} _{-0.35}	40.70 ^{+0.2} _{-0.35}	43.16 ^{+0.2} _{-0.35}
05	40.00 ^{+0.2} _{-0.45}	52.80 ^{+0.2} _{-0.45}	50.70 ^{+0.2} _{-0.45}	53.16 ^{+0.2} _{-0.45}
06	50.00 ^{+0.2} _{-0.55}	62.80 ^{+0.2} _{-0.55}	60.70 ^{+0.2} _{-0.55}	63.16 ^{+0.2} _{-0.55}

Specifications:
Material And Finish
Insulator: Nylon66, UL94V-0 Color: Black

Rating:
Current Rating: 50A AC/DC Max(8AWG)
Voltage Rating: 600V AC/DC
Operating Temperature Range: $-40^{\circ}\sim+105^{\circ}\text{C}$

Electrical:
Contact resistance: 3.0m Ohm Max
Insulator resistance: 1000M ohm min.
Withstanding Voltage: 2200V AC/Minute



Ordering Information
H10001F-XX-A

1 2 3 4

- 1: — Series No.
2: — F:Female
3: — No. of Positions
4: — A:Bag

No. of Position	DIM A	DIM B	DIM C	DIM D	DIM E
02	10.00	23.00	30.60	21.00	31.40
03	20.00	33.00	40.60	31.00	41.40
04	30.00	43.00	50.60	41.00	51.40
05	40.00	53.00	60.60	51.00	61.40
06	50.00	63.00	70.60	61.00	71.40

Specifications:

Material And Finish

Insulator: PBT UL94V-0 Color: Black

Rating:

Current Rating: 50A AC/DC Max(8AWG)

Voltage Rating: 600V AC/DC

Operating Temperature Range: -40°~+105°C

Electrical:

Contact resistance: 3.0m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 2200V AC/Minute



Ordering Information

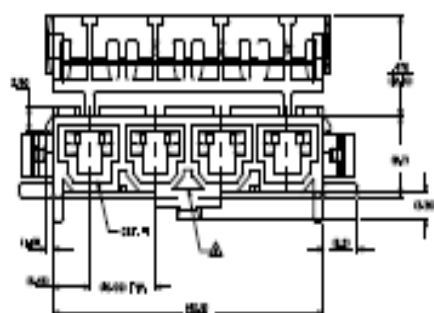
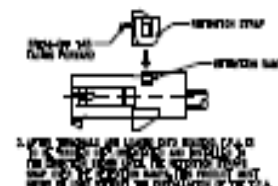
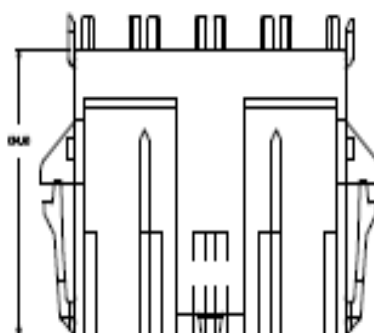
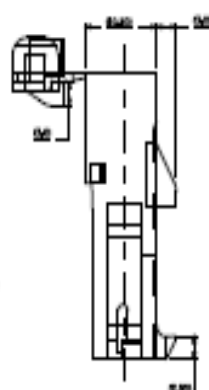
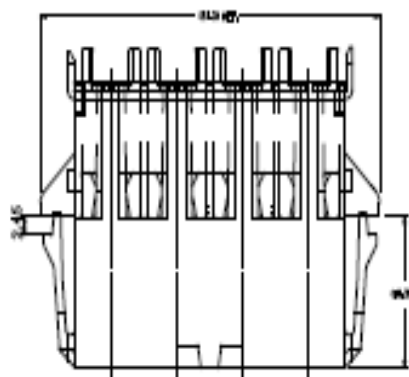
H10001-XXP-XXA

1 2 3 4

- 1: — Series No.
 2: — No. of Positions
 3: — 01: A Type
 02: B Type
 03: C Type
 04: D Type
 4: — A: In Bag



RECOMMENDED PANEL CUT-OUT DETAIL
 (PANEL THICKNESS 2.0MM MINIMUM)



A Type	B Type	C Type	D Type

.394" (10.0mm) Pitch Terminal

HJBRIGHT®

Specifications:

Terminal: Copper alloy
Wire Range: AWG#8~16

Rating:

Current Rating: AWG#8 48A AC/DC
AWG#10 40A AC/DC
AWG#12 32A AC/DC

Voltage Rating: 600V AC/DC

Electrical:

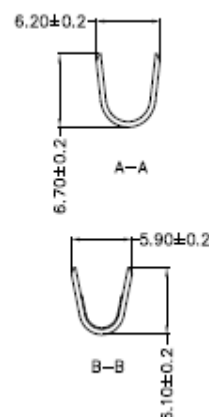
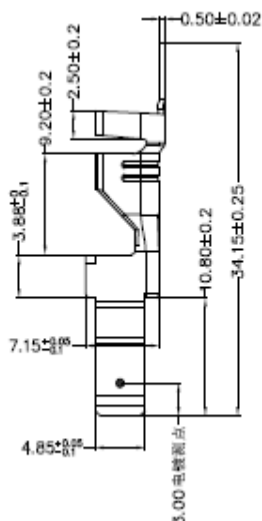
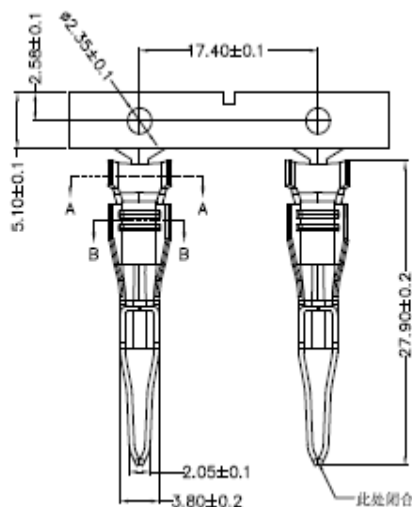
Contact resistance: 20m Ohm Max
Withstanding Voltage: 1000V AC/Minute

Ordering Information

H10001TM-PX

1 23 4

- 1: — Series No.
2: — T: Terminal
3: — M: Male Terminal
4: — H: Selective Gold Plated
Q: Tin Plated
A2: 30u" Gold on contact; Tin on tail



Specifications:

Terminal: Copper alloy
Wire Range: AWG#8~16

Rating:

Current Rating: AWG#8 48A AC/DC
AWG#10 40A AC/DC
AWG#12 32A AC/DC

Voltage Rating: 600V AC/DC

Electrical:

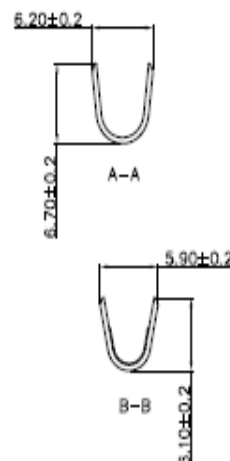
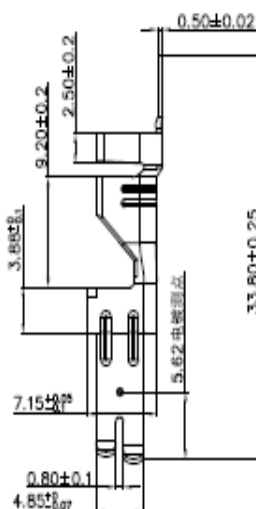
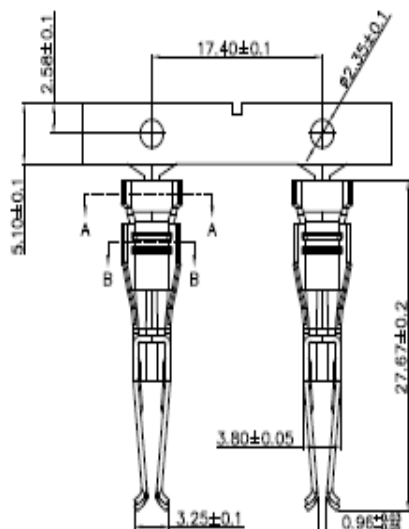
Contact resistance: 20m Ohm Max
Withstanding Voltage: 1000V AC/Minute

Ordering Information

H10001TF-PX

1 23 4

- 1: — Series No.
2: — T: Terminal
3: — F: Female Terminal
4: — H: Selective Gold Plated
Q: Tin Plated
A2: 30u" Gold on contact; Tin on tail



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