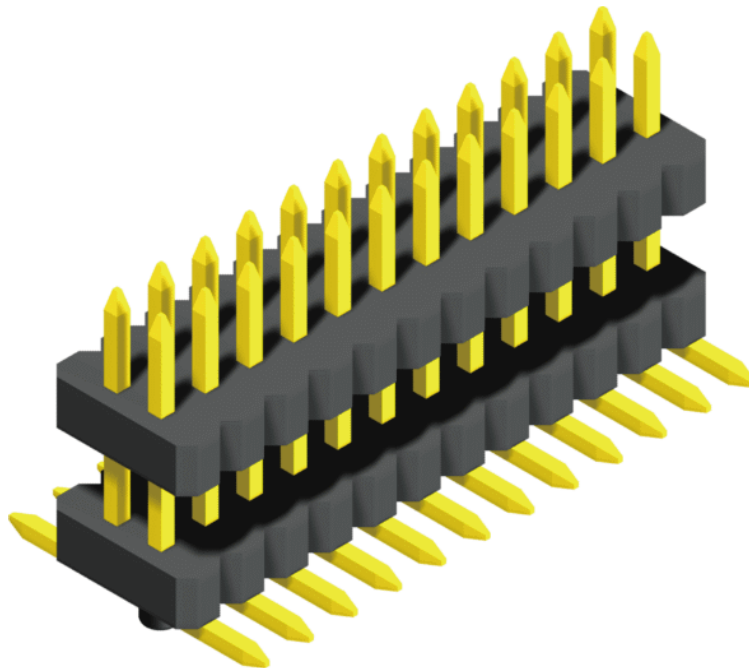


Header & Socket Connectors

H Header & Socket Connectors

- B-1~B-4 • PCB Conn. 0.8mm
- B-5~B-12 • PCB Conn. 1.0mm
- B-13~B-44 • PCB Conn. 1.27mm
- B-45~B-82 • PCB Conn. 2.0mm
- B-83~B-137 • PCB Conn. 2.54mm
- B-138~B-141 • PCB Conn. 3.96mm
- B-142 • PCB Conn. 4.2mm
- B-143~B-147 • PCB Conn. 5.08mm



PCB Conn. 0.8mm

- B-1 ▶ Pin Header 0.8mm H=1.40mm SMT Type
- B-1 ▶ Pin Header 0.8mm H=1.40mm Stack SMT Type
- B-2 ▶ Pin Header 0.8mm H=1.40mm SMT R/A Type
- B-3 ▶ Pin Header 0.8mm H=1.38mm Straight Type
- B-3 ▶ Pin Header 0.8mm H=1.38mm Stack Straight Type
- B-4 ▶ Female Header 0.8mm H=3.10mm SMT Type

PCB Conn. 1.0mm

- B-5 ▶ Pin Header 1.0mm H=1.0/1.5mm SMT Type
- B-5 ▶ Pin Header 1.0mm H=1.0/1.5mm Stack SMT Type
- B-6 ▶ Pin Header 1.0mm H=3.70mm SMT R/A Type
- B-6 ▶ Female Header 1.0mm H=3.7mm SMT R/A Type
- B-7 ▶ Pin Header 1.0mm 1 Row H=1.0 Right Angle Type
- B-7 ▶ Pin Header 1.0mm 2 Row H=1.0/1.5 mm Right Angle Type
- B-8 ▶ Pin Header 1.0mm 1 Row H=1.0mm Straight Type
- B-8 ▶ Pin Header 1.0mm 2 Row H=1.0/1.5 mm Straight Type
- B-9 ▶ Pin Header 1.0mm 1 Row H=1.0mm Stack Straight Type
- B-9 ▶ Pin Header 1.0mm 2 Row H=1.0/1.5 mm Stack Straight Type
- B-10 ▶ Box Header 1.0mm H=2.85/6.9mm SMT Type
- B-11 ▶ Female Header 1.0mm 1 Row H=2.05mm SMT Type
- B-11 ▶ Female Header 1.0mm 2 Row H=2.05mm SMT Type
- B-12 ▶ Female Header 1.0mm 1 Row H=2.10mm Straight Type
- B-12 ▶ Female Header 1.0mm 2 Row H=2.05mm Straight Type



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ICCONNECTORS

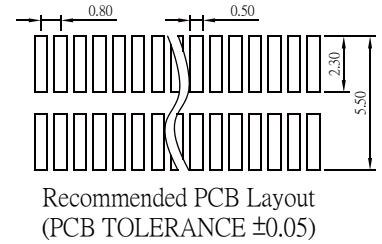
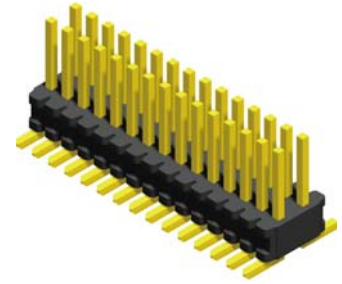
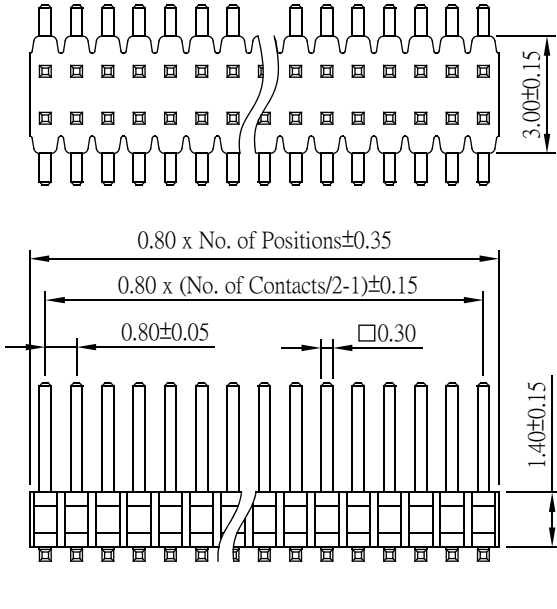
Pin Header 0.8mm H=1.40mm SMT Type

Specifications

Current Rate:1 AMP
 Insulation Resistance:1000MΩ Min.
 Contact Resistance:20mΩ Max.
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-40°C to +105°C

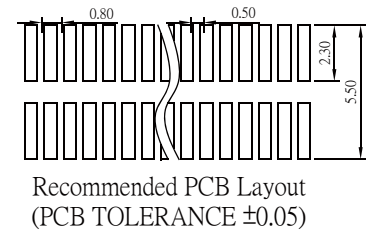
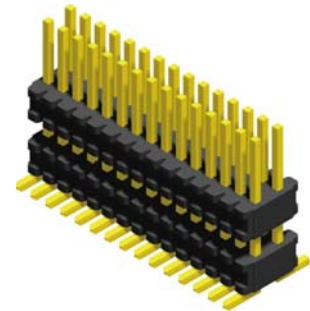
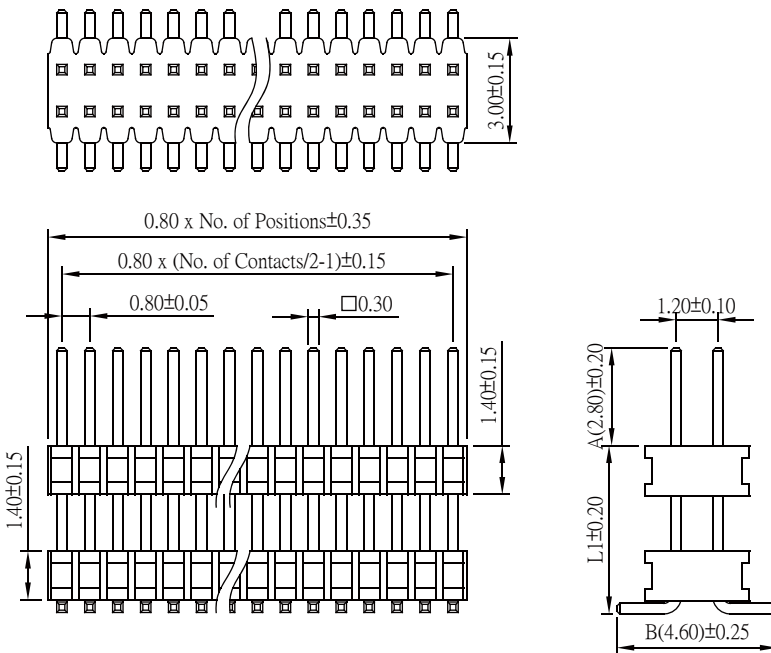
Material

Insulator:Polyester,UL 94V-0
 ©Standard:LCP
 Terminal:Copper Alloy
 Plating:Gold Plated



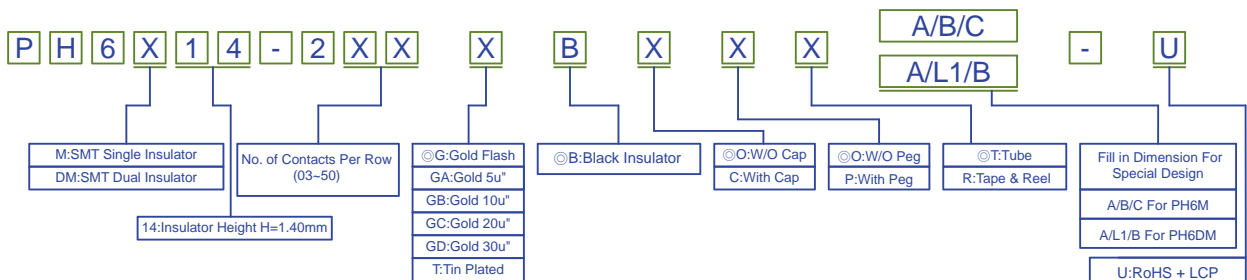
Part No.:PH6M14-2XX-U

Pin Header 0.8mm H=1.40mm Stack SMT Type



Part No.:PH6DM14-2XX-U

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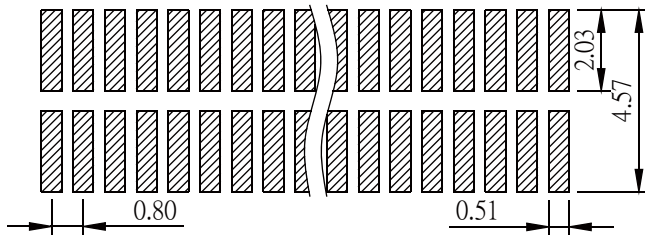
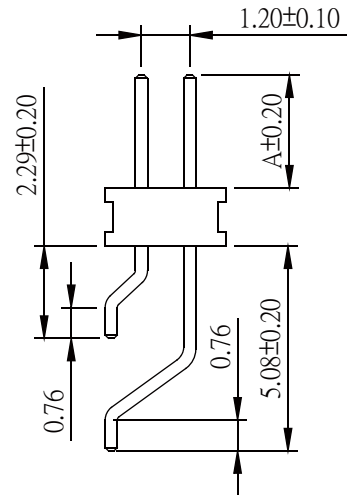
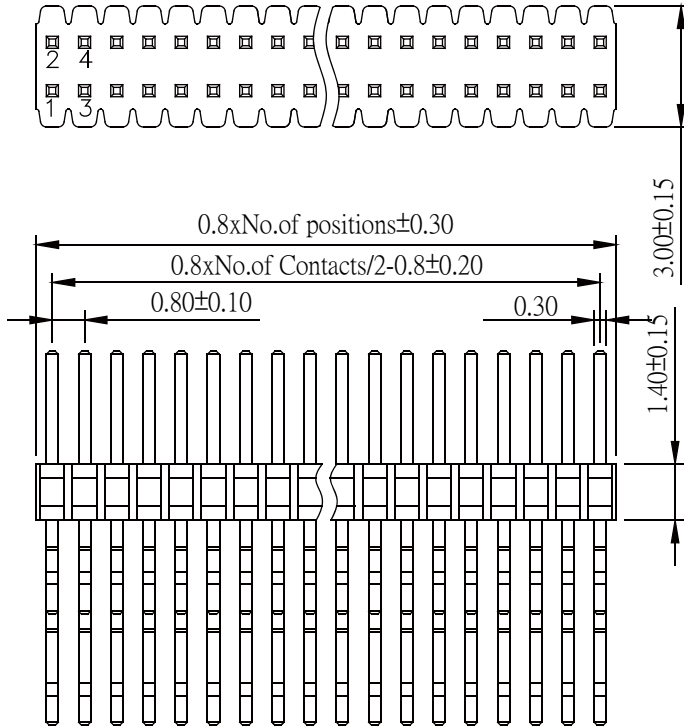
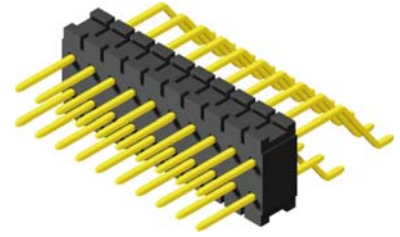
Pin Header 0.8mm H=1.40mm SMT R/A Type

Specifications

Current Rate:1 AMP
 Insulation Resistance:1000MΩ Min.
 Contact Resistance:20mΩ Max.
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-40°C to +105°C

Material

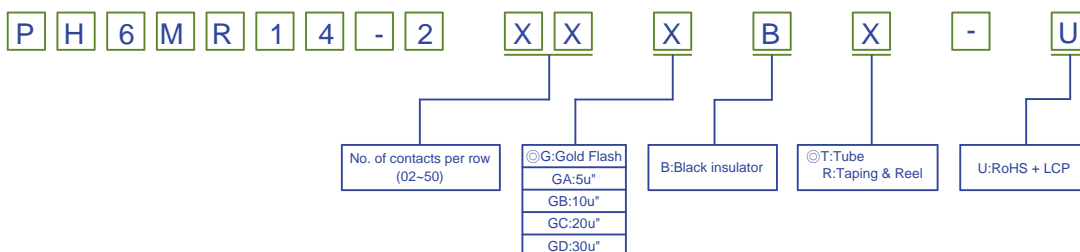
Insulator:Polyester,UL 94V-0
 ©Standard:LCP
 Terminal:Copper Alloy
 Plating:Gold Plated



Recommended P.C.B Layout(Top Side)
 (PCB BOARD TOLERANCE±0.05)

Part No.:PH6MR14-2XX-U

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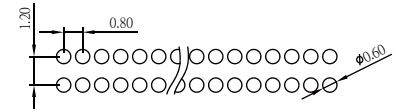
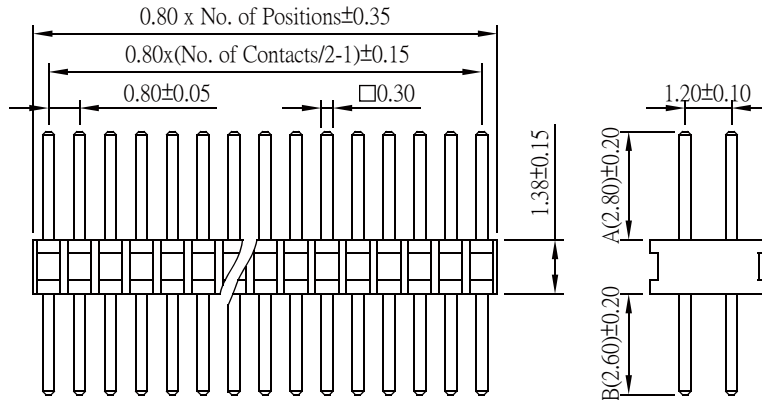
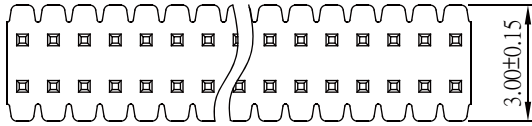
RoHS

ICCONNECTORS

Pin Header 0.8mm H=1.38mm Straight Type

Specifications
 Current Rate:1 AMP
 Insulation Resistance:1000MΩ Min
 Contact Resistance:20mΩ Max
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-40°C to +105°C

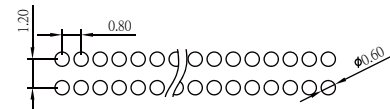
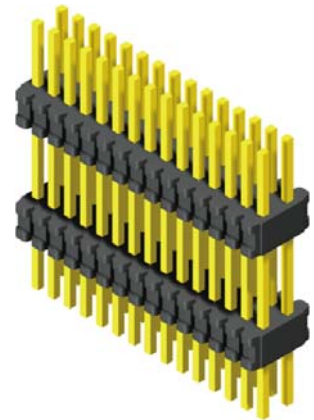
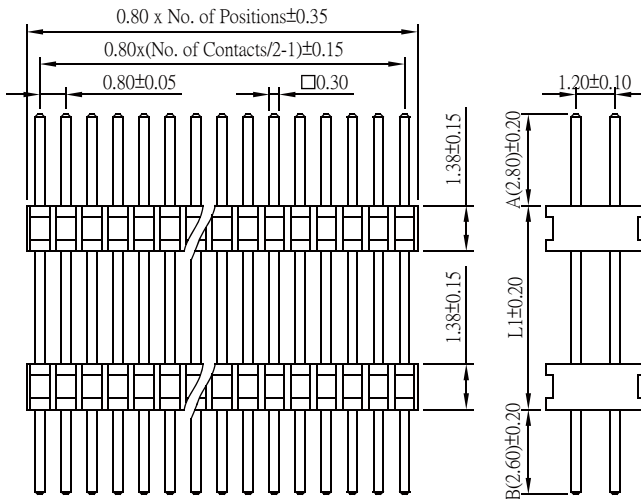
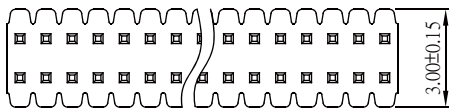
Material
 Insulator:Polyester,UL 94V-0
 ◎Standard:Nylon 6T
 Terminal:Copper Alloy
 Plating:Gold Plated



Recommended PCB Layout
 (PCB TOLERANCE ±0.05)

Part No.:PH6S14-2XX-U

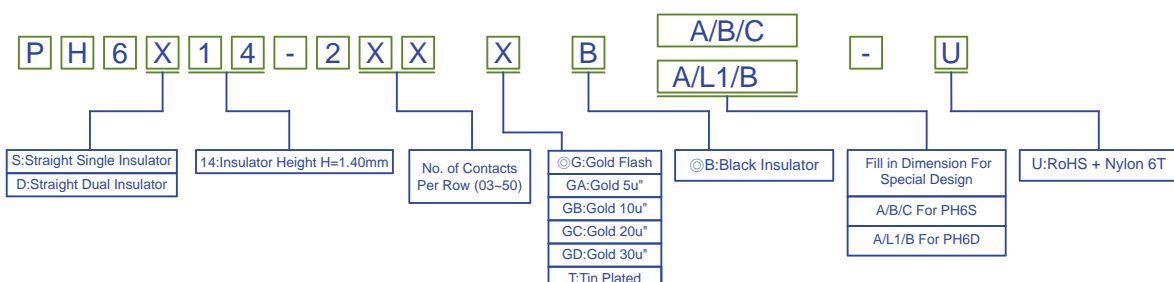
Pin Header 0.8mm H=1.38mm Stack Straight Type



Recommended PCB Layout
 (PCB TOLERANCE ±0.05)

Part No.:PH6D14-2XX-U

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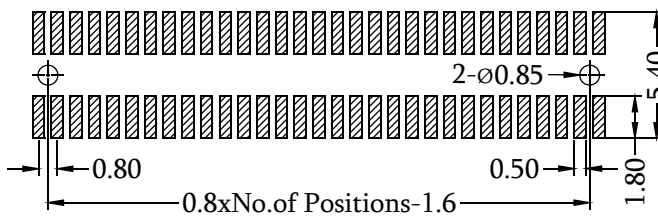
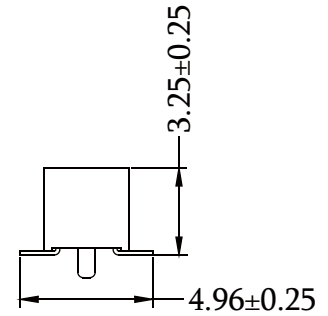
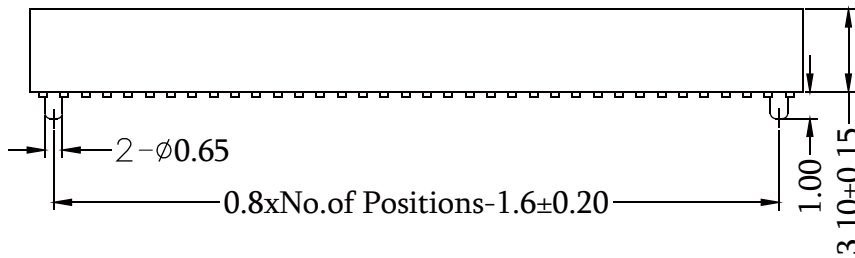
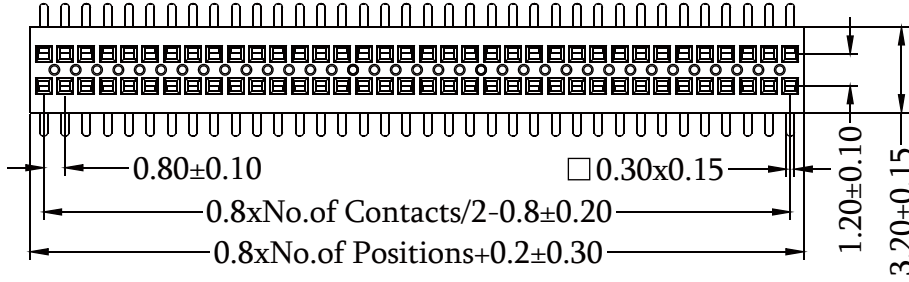
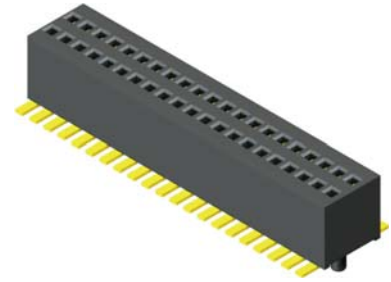
Female Header 0.8mm H=3.1mm SMT Type

Specifications

Current Rate:1 AMP
 Insulation Resistance:1000MΩ Min
 Contact Resistance:20mΩ Max
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-40°C to +105°C

Material

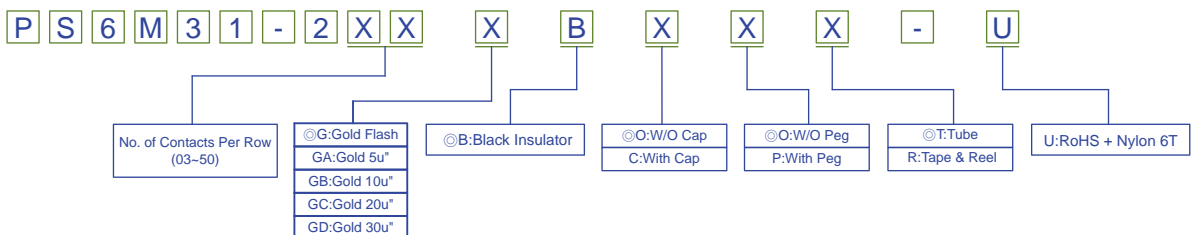
Insulator:Polyester,UL 94V-0
 Standard:Nylon 6T
 Terminal:Copper Alloy
 Plating:Gold Plated



Recommended P.C.B Layout(Top Side)
 (PCB BOARD TOLERANCE±0.05)

Part No.:PS6M31-2XX-U

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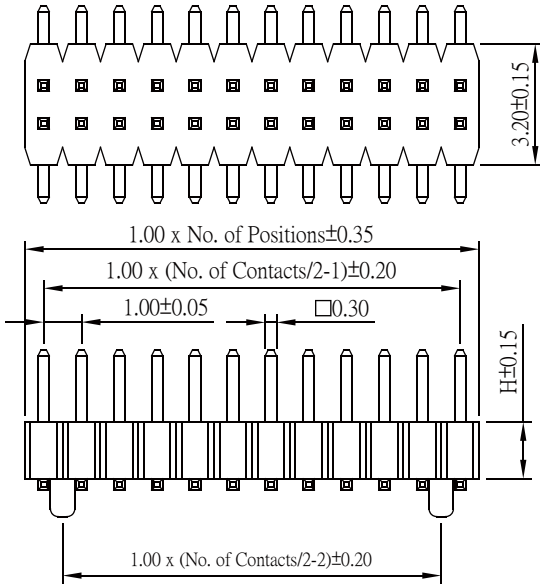
Pin Header 1.0mm H=1.0/1.5mm SMT Type

Specifications

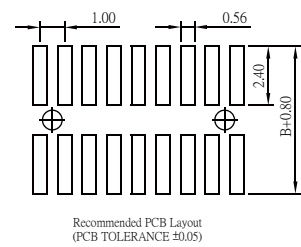
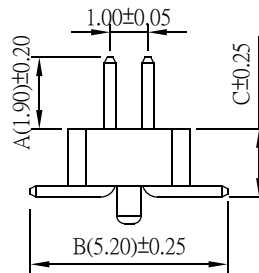
Current Rate:1 AMP
 Insulation Resistance:1000MΩ Min
 Contact Resistance:20mΩ Max
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-40°C to +105°C

Material

Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T
 Terminal:Copper Alloy
 Plating:Gold Plated

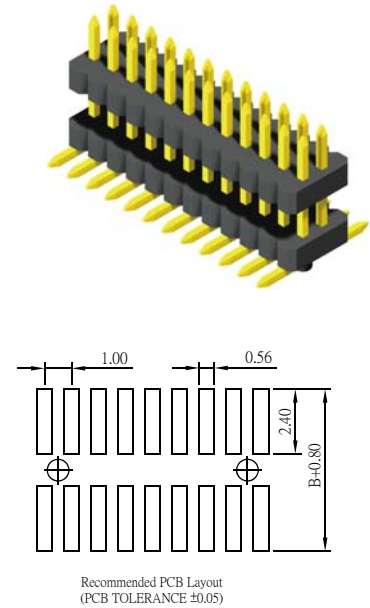
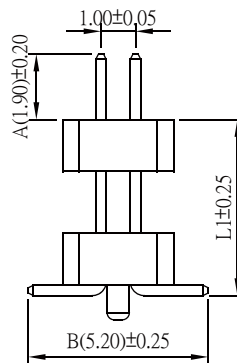
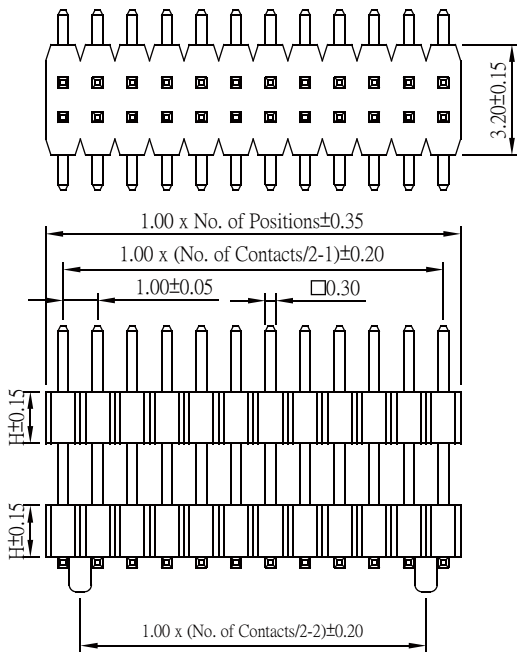


	Dim. C
H=1.0mm	1.30
H=1.5mm	1.80



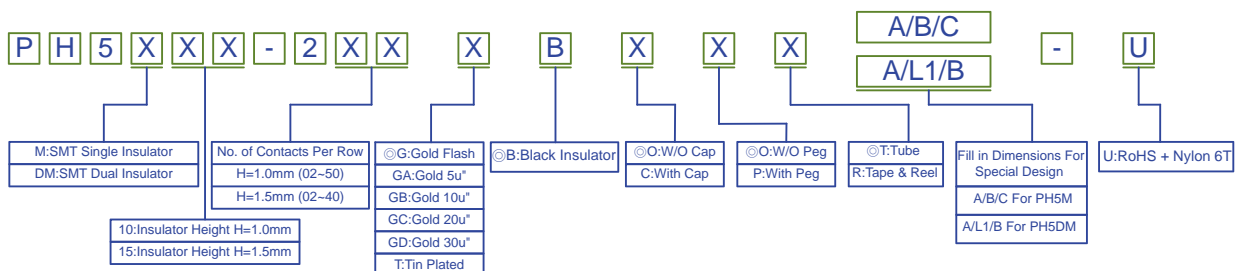
Part No.:PH5M10/15-2XX-U

Pin Header 1.0mm H=1.0/1.5mm Stack SMT Type



Part No.:PH5DM10/15-2XX-U

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B-5



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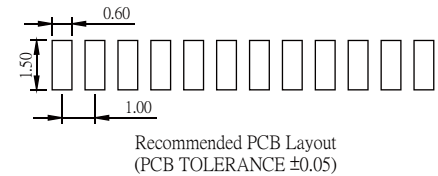
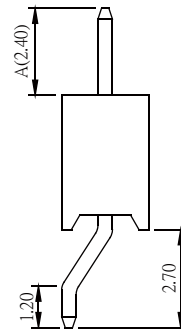
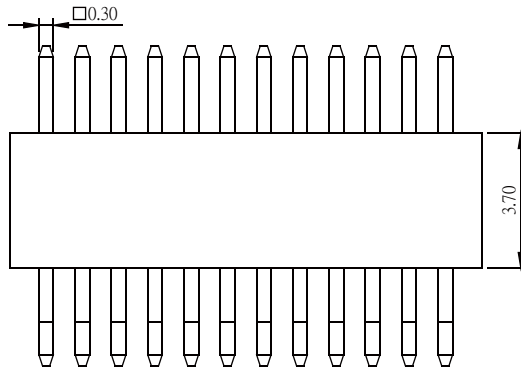
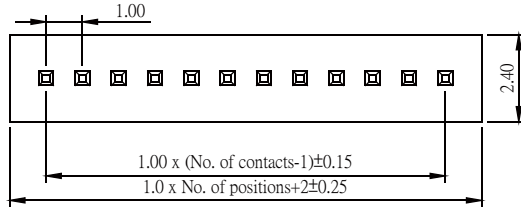
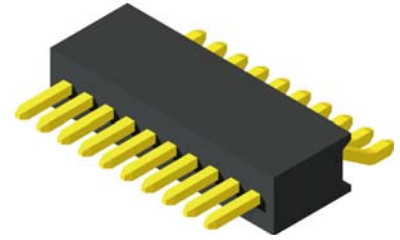
Pin Header 1.0mm H=3.70mm SMT R/A Type

Specifications

Current Rate:1 AMP
 Insulation Resistance:1000MΩ Min.
 Contact Resistance:20mΩ Max.
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-40°C to +105°C

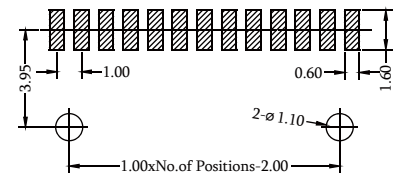
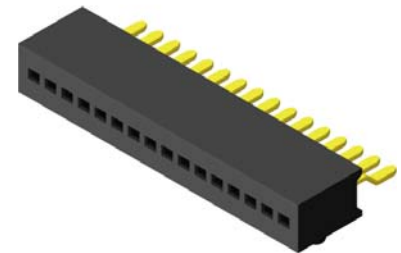
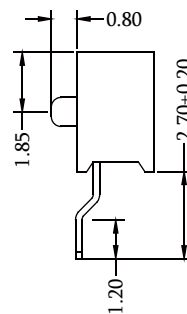
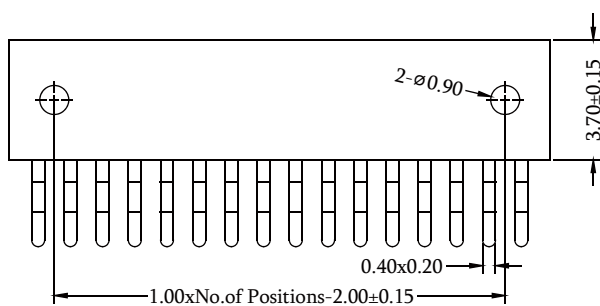
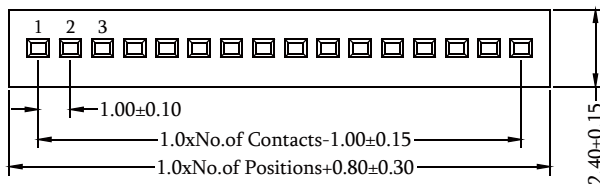
Material

Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T
 Trminal:Copper Alloy
 Plating:Gold Plated



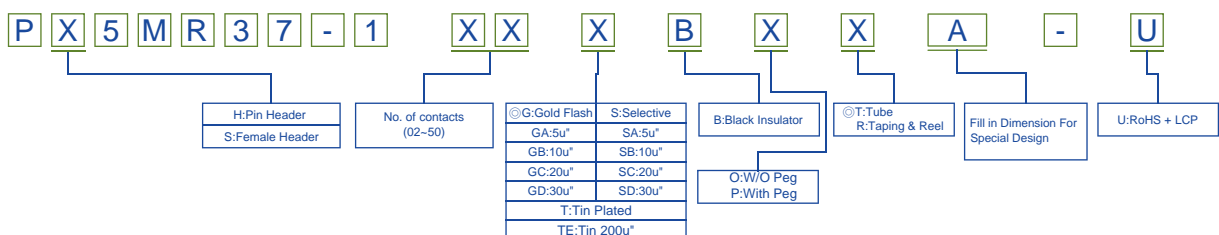
Part No.:PH5MR37-1XX-U

Female Header 1.0mm H=3.70mm SMT R/A Type



Part No.:PS5MR37-1XX-U

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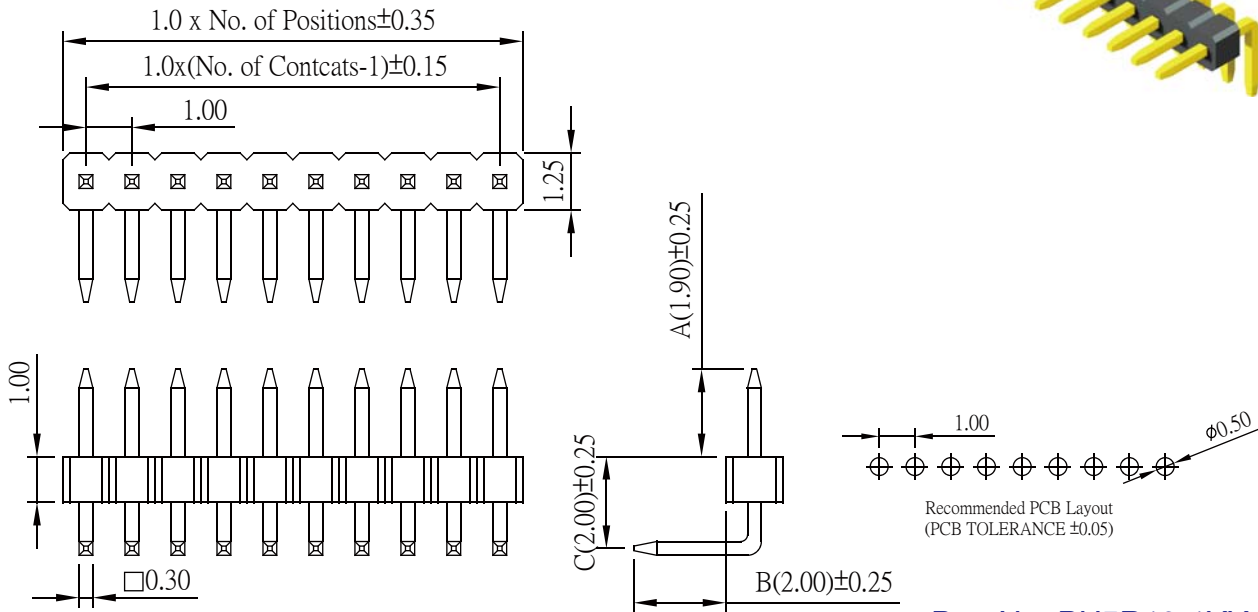
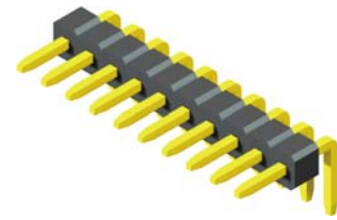
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Pin Header 1.0mm 1 Row H=1.0mm Right Angle Type

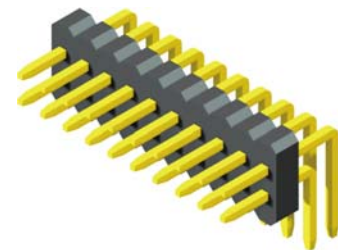
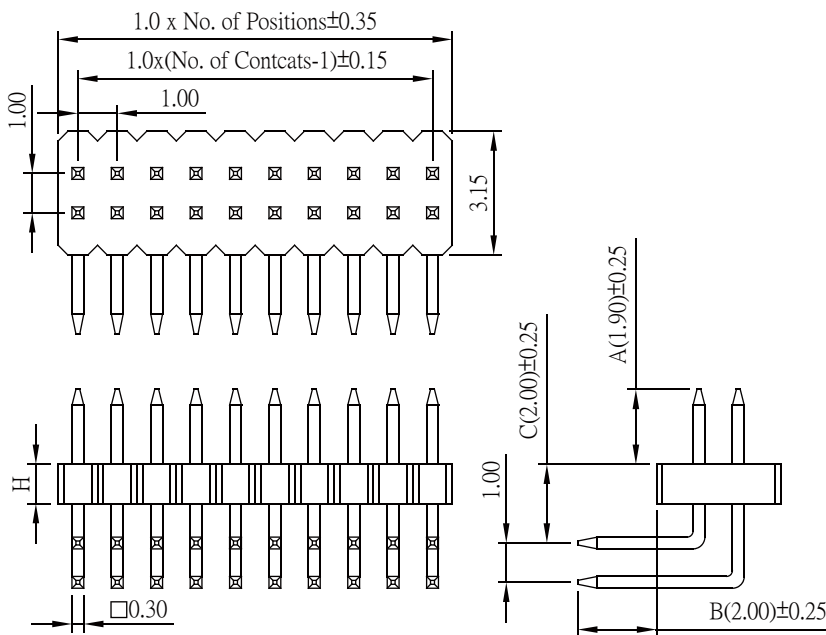
Specifications
 Current Rate:1 AMP
 Insulation Resistance:1000MΩ Min
 Contact Resistance:20mΩ Max
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-40°C to +105°C

Material
 Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T
 Terminal:Copper Alloy
 Plating:Gold Plated



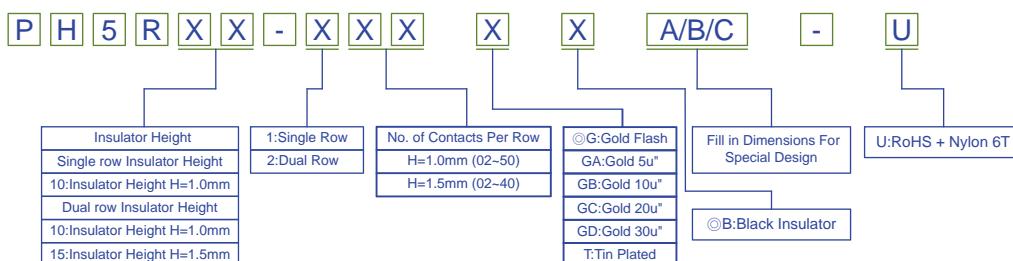
Part No.:PH5R10-1XX-U

Pin Header 1.0mm 2 Row H=1.0/1.5mm Right Angle Type



Part No.:PH5R10/15-2XX-U

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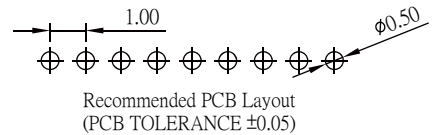
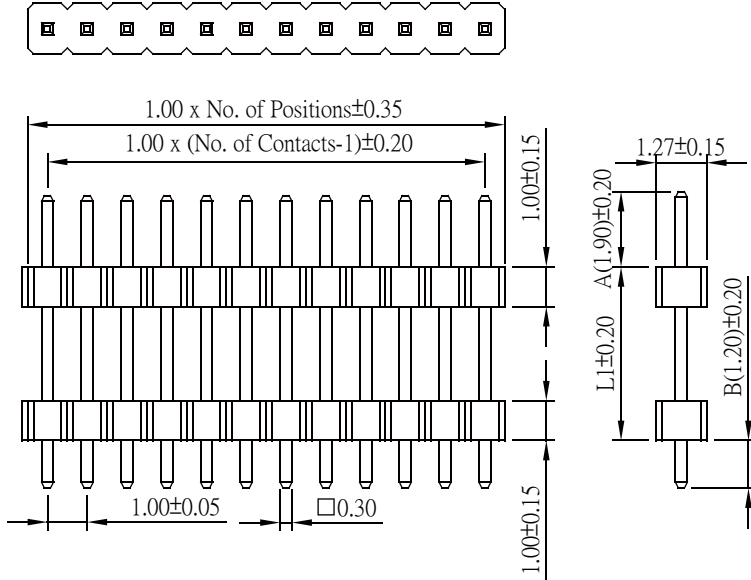
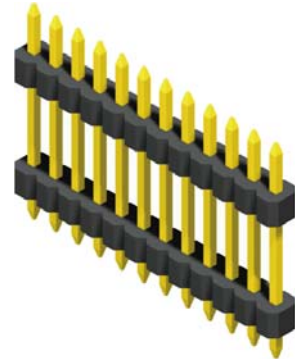
Pin Header 1.0mm 1 Row H=1.0mm Stack Straight Type

Specifications

Current Rate:1 AMP
 Insulation Resistance:1000MΩ Min
 Contact Resistance:20mΩ Max
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-40°C to +105°C

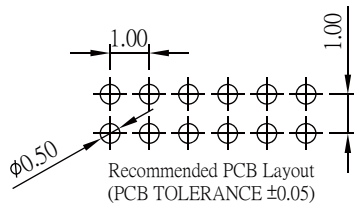
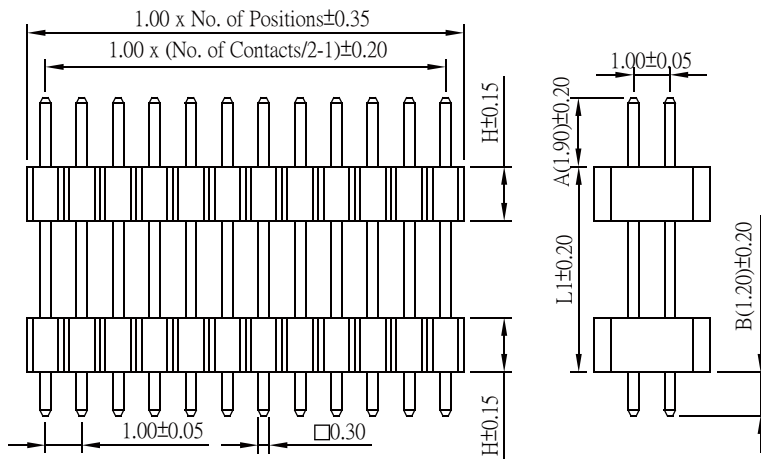
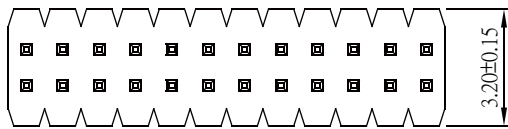
Material

Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T
 Terminal:Copper Alloy
 Plating:Gold Plated



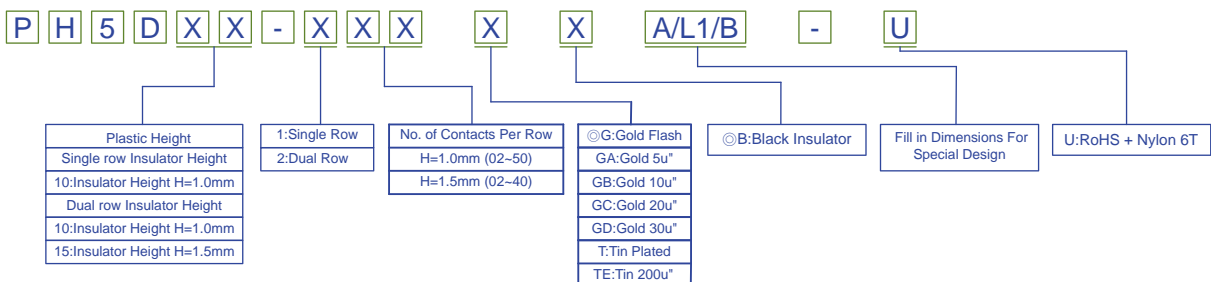
Part No.:PH5D10-1XX-U

Pin Header 1.0mm 2 Row H=1.0/1.5mm Stack Straight Type



Part No.:PH5D10/15-2XX-U

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©: Standard Recommended

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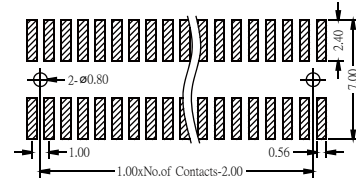
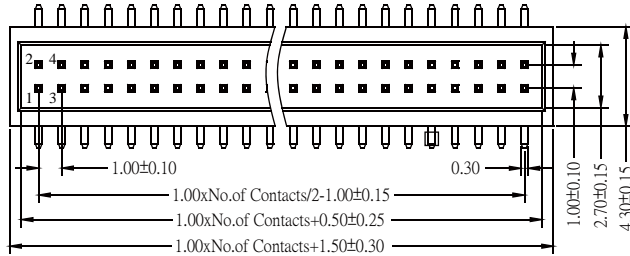
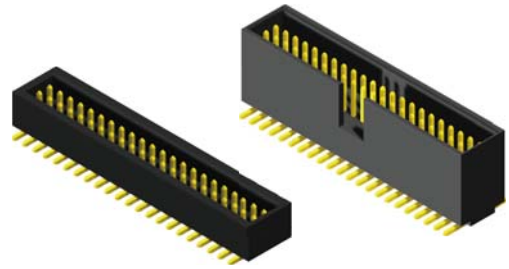
Box Header 1.0mm H=2.85/6.90mm SMT Type

Specifications

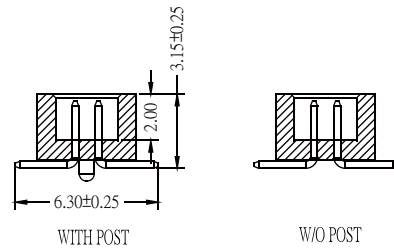
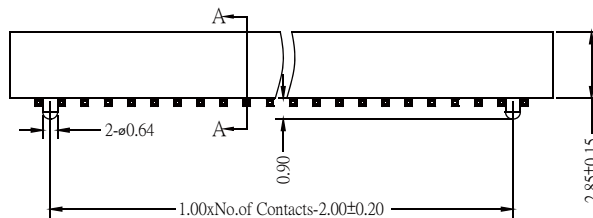
Current Rate:1 AMP
 Insulation Resistance:1000MΩ Min
 Contact Resistance:30mΩ Max
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-40°C to +105°C

Material

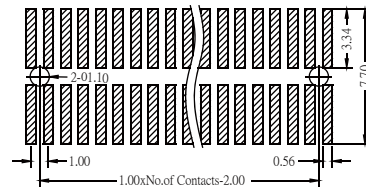
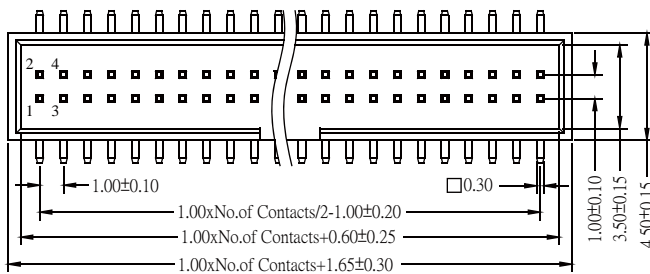
Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T
 Terminal:Copper Alloy
 Plating:Gold Plated



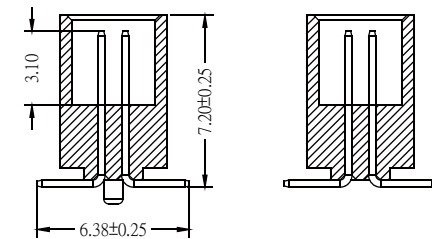
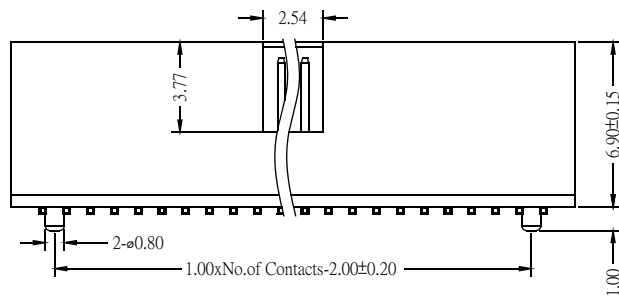
Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE±0.05)



SECTION A-A

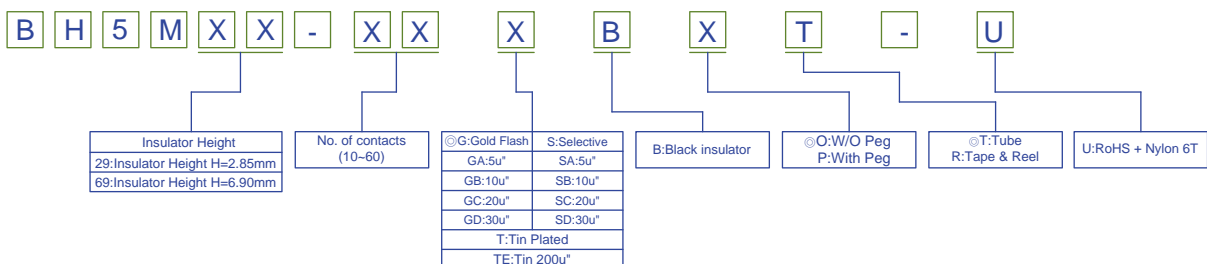


Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE±0.05)



SECTION A-A

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B-10



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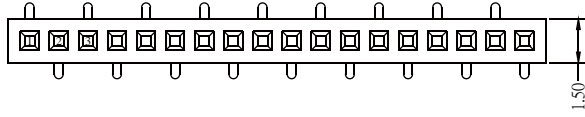
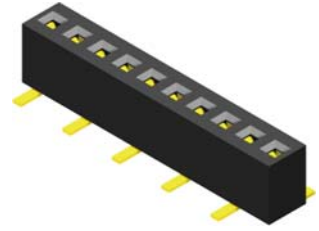
Female Header 1.0mm 1 Row H=2.05mm SMT Type

Specifications

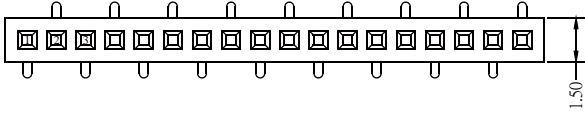
Current Rate:1 AMP
 Insulation Resistance:1000MΩ Min
 Contact Resistance:20mΩ Max
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-40°C to +105°C

Material

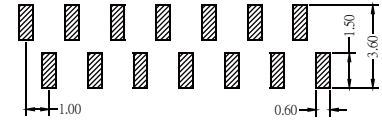
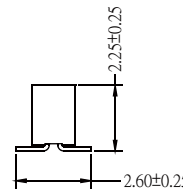
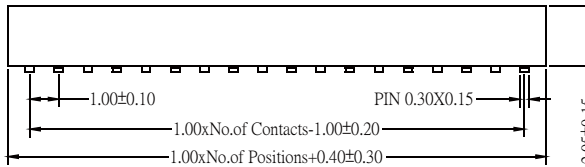
Insulator:Polyester,UL 94V-0
 ◎Standard:Nylon 6T
 Terminal:Copper Alloy
 Plating:Gold Plated



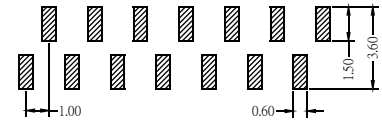
A TYPE



B TYPE



A TYPE

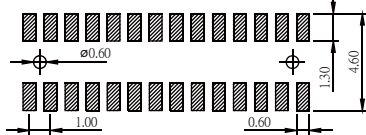
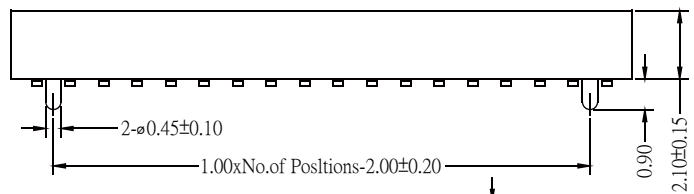
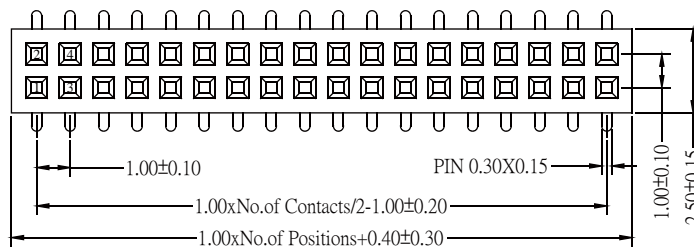


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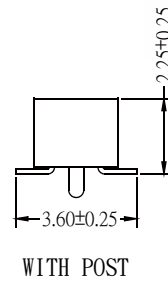
Recommended P.C.B Layout(Top Side)
 (PCB BOARD TOLERANCE±0.05)

Part No.:PS5M21-1XX-U

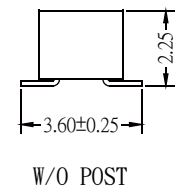
Female Header 1.0mm 2 Row H=2.05mm SMT Type



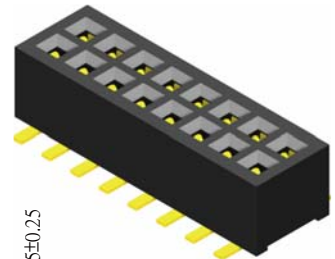
Recommended P.C.B Layout(Top Side)
 (PCB BOARD TOLERANCE±0.05)



WITH POST

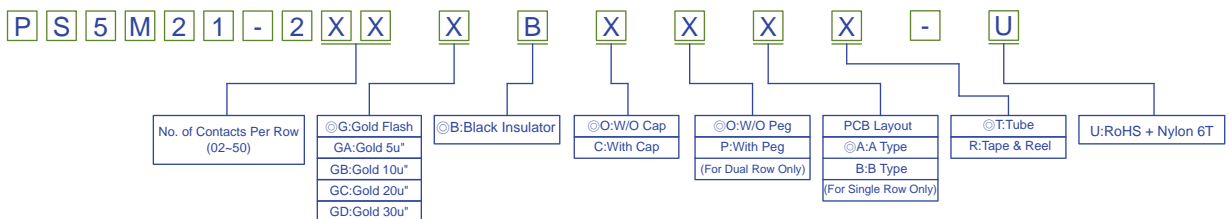


W/O POST



Part No.:PS5M21-2XX-U

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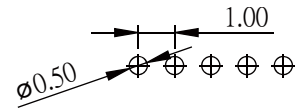
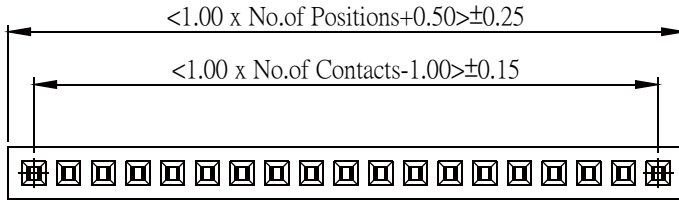
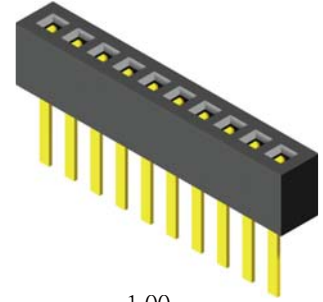
Female Header 1.0mm H=2.10mm Straight Type

Specifications

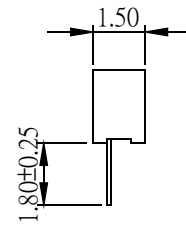
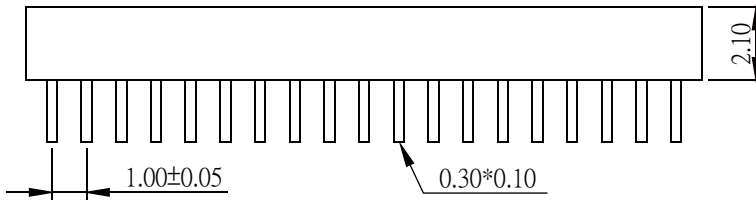
Current Rate:1 AMP
 Insulation Resistance:1000MΩ Min
 Contact Resistance:20mΩ Max
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-40°C to +105°C

Material

Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T or LCP
 Terminal:Copper Alloy
 Plating:Gold Plated

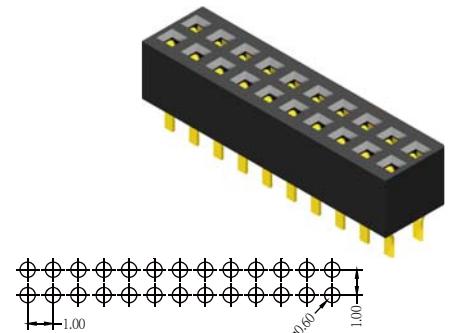
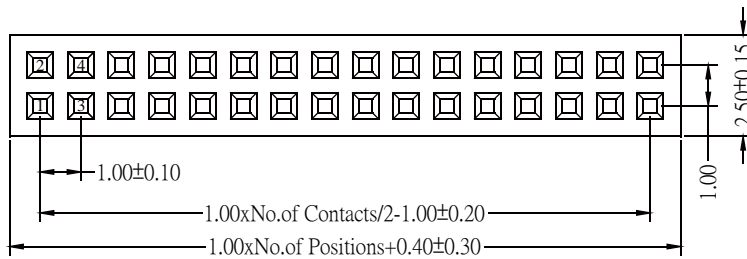


Recommended PCB Layout
 (PCB TOLERANCE ± 0.05)

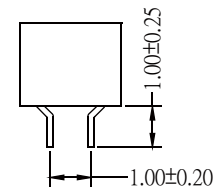
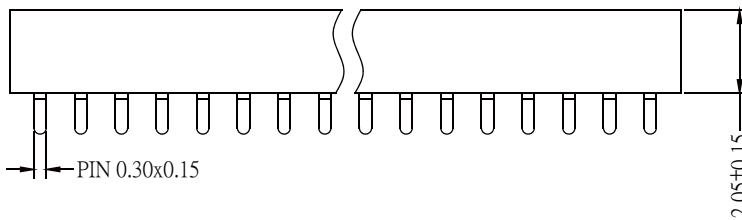


Part No.:PS5S21-1XX-U

Female Header 1.0mm H=2.05mm Straight Type

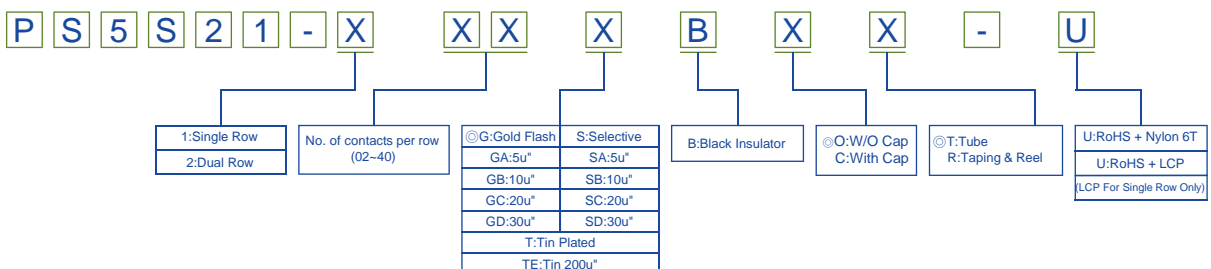


Recommended P.C.B Layout(Top Side)
 (PCB BOARD TOLERANCE ± 0.05)



Part No.:PS5S21-2XX-U

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