

RoHS
Compliant



Features

- One Action Lock improves workability.
- Independent spring with two-point contact design for high contact reliability.
- Easy FPC insertion and high retention force.
- FPC / FFC mating state can be confirmed.

Specifications

Current Rating	: 0.5A AC/DC
Voltage Rating	: 50V AC/DC
Contact Resistance	: 100mΩ Max.
Insulation Resistance	: 500MΩ Min.
Withstand Voltage	: 150V AC /minute
Operating Temperature	: -55°C to +105°C

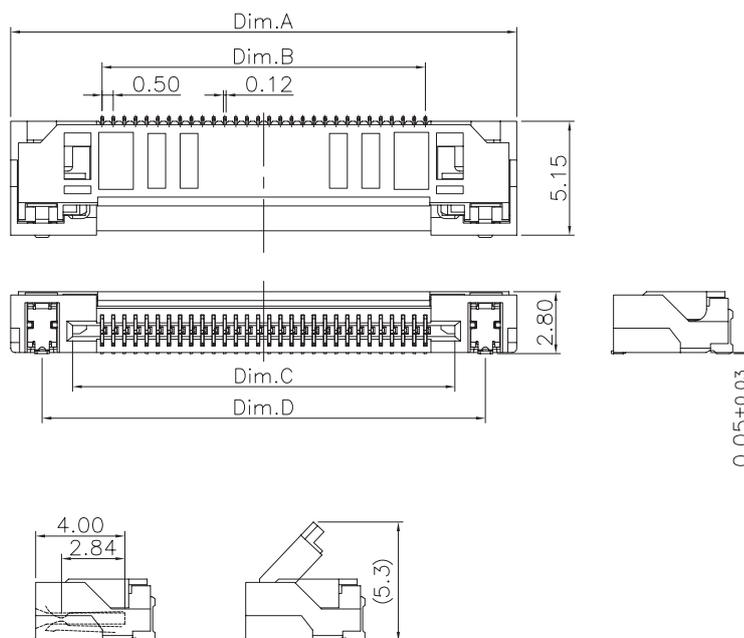
Material

Insulator	: LCP (UL94V-0)
Colour	: Black
Terminal	: Phosphor Bronze
Plated	: Selective Gold
Solder Pad	: Phosphor Bronze
Plated	: Matte Tin

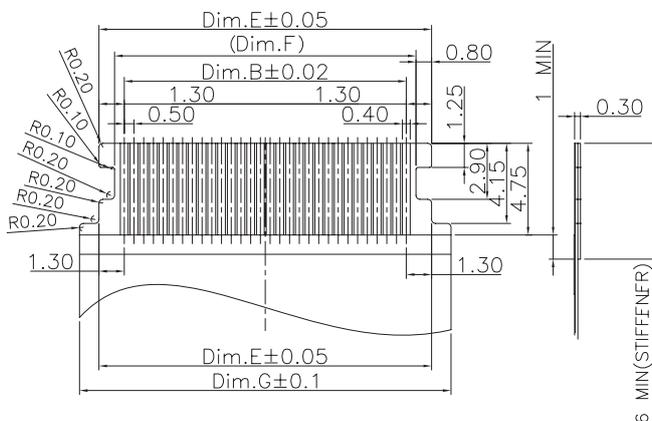
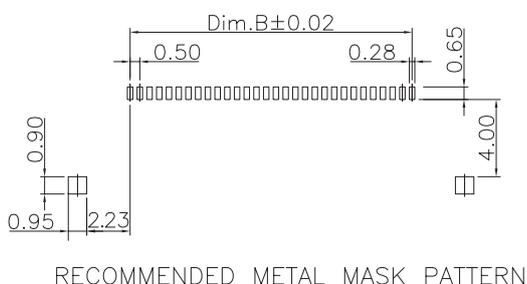
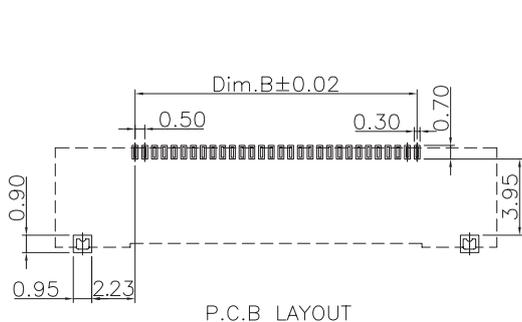
Dimension information

Pos	Dim A	Dim B	Dim C	Dim D
8	11.7	3.5	6.15	8.9
10	12.7	4.5	7.15	9.9
16	15.7	7.5	10.15	12.9

Diagram



Recommended PCB Layout



Dimensions : Millimetres

Part Number Table

Description	Part Number
FPC Connector, 8 Contacts, 0.5mm Pitch, 2.88mm Height	MP012100
FPC Connector, 10 Contacts, 0.5mm Pitch, 2.88mm Height	MP012101
FPC Connector, 16 Contacts, 0.5mm Pitch, 2.88mm Height	MP012102

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