



1734592-8 Product Details

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1734592-8

TE Internal Number: 1734592-8

Active

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FPC (Flexible Printed Circuit) Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- .50 mm Centerline
- 8 Positions
- Gold Contact Plating, Mating Area, Material
- Contact Plating, Mating Area, Thickness = .025 μm
- Liquid Crystal Polymer (LCP) Housing Material

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [FPC CONNECTOR, 0.5mm PITCH, BOTTOM CONTACT, SMT TYPE.](#) (PDF, English)

Catalog Pages/Data Sheets:

- [FPC Connector Family](#) (PDF, English)

Product Specifications:

- [FPC CONNECTOR 0.5MM PITCH, SMT TYPE](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version C)
- [3D Model](#) (IGES, Version C)
- [3D Model](#) (STEP, Version C)

[List all Documents](#)

Additional Information:

- [Product Information](#)
- [Product Line Information](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- PCB Mounting Orientation = Right Angle
- PCB Mount Alignment = Without
- PCB Mount Retention = With
- Actuator Type = Stuffer
- PCB Mount Retention Type = Solder Pads
- Sealed = No

Electrical Characteristics:

- Contact Current Rating, Max. (A) = 0.5
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 250

Termination Features:

- Termination Method to PC Board = Surface Mount

Dimensions:

- Flex Cable Thickness (mm [in]) = 0.3 [0.012]
- Length (X-Axis) (mm [in]) = 9.43 [0.371]
- Width (Z-Axis) (mm [in]) = 5.10 [0.200]
- Profile Height (Y-Axis) (mm [in]) = 2.05 [0.080]

Body Features:

- Selectively Loaded = No

Contact Features:

- Contact Plating, Mating Area, Material = Gold
- Contact Plating, Mating Area, Thickness (μm [μin]) = 0.025 [0.984]
- Contact Plating, Termination Area, Material = Gold

Housing Features:

- Centerline (mm [in]) = 0.50 [0.0197]
- Housing Material = Liquid Crystal Polymer (LCP)
- Contact Mating Location = Bottom
- Housing Color = Ivory

Configuration Features:

- Number of Positions = 8
- Tail Orientation = In-line
- Shrouded = Yes
- Shielded = No
- Strain Relief = Without

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Identification Marking:

- Circuit Identification Feature = Without

Environmental:

- Operating Temperature (°C [°F]) = -20 - +85 [-4 - +185]

Operation/Application:

- ZIF/Non-ZIF = ZIF
- Contact Transmits (Typical Application) = Signal (Data)
- Pick and Place Cover = Without

Feedback

- Contact Plating, Termination Area, Thickness (μm [μin]) = 0.025 [0.984]
- Contact Design = Single Beam
- Contact Base Material = Phosphor Bronze

Packaging Features:

- Packaging Method = Tape & Reel

Other:

- Brand = AMP

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