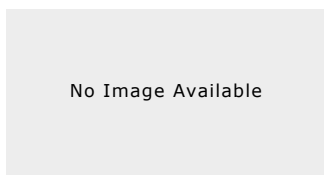




1-2040832-8 Product Details



1-2040832-8

TE Internal Number: 1-2040832-8



FPC (Flexible Printed Circuit) Connectors

 Always EU RoHS/ELV Compliant ([Statement of Compliance](#))

Product Highlights:

- .25 mm Centerline
- 45 Positions
- Gold Contact Plating, Mating Area, Material
- Contact Plating, Mating Area, Thickness = .1 μ m
- Liquid Crystal Polymer (LCP) Housing Material

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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 = Rear Flip (Front Hinge)
- PCB Mount Retention Type = Solder Pads
- Sealed = No

Electrical Characteristics:

- Contact Current Rating, Max. (A) = 0.2
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 50

Termination Features:

- Termination Method to PC Board = Surface Mount

Dimensions:

- Flex Cable Thickness (mm [in]) = 0.2 [0.008]
- Length (X-Axis) (mm [in]) = 13.00 [0.511]
- Width (Z-Axis) (mm [in]) = 3.20 [0.126]
- Profile Height (Y-Axis) (mm [in]) = 1.30 [0.051]

Body Features:

- Selectively Loaded = No

Contact Features:

- Contact Plating, Mating Area, Material = Gold
- Contact Plating, Mating Area, Thickness (μ m [μ in]) = 0.1 [3.937]
- Contact Plating, Termination Area, Material = Gold
- Contact Plating, Termination Area, Thickness (μ m [μ in]) = 0.1 [3.93]
- Contact Design = Single Beam
- Contact Base Material = Copper Alloy

Housing Features:

- Centerline (mm [in]) = 0.25 [0.009]
- Housing Material = Liquid Crystal Polymer (LCP)
- Contact Mating Location = Bottom
- Housing Color = Natural

Configuration Features:

- Number of Positions = 45
- Tail Orientation = Staggered
- 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
- RoHS/ELV Compliance History = Always was RoHS compliant

Identification Marking:

- Circuit Identification Feature = Without

Environmental:

- Operating Temperature ($^{\circ}$ C [$^{\circ}$ F]) = -25 - +85 [-13 - +185]

Operation/Application:

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

Packaging Features:

- Packaging Method = Tape & Reel

Other:

- Brand = TE Connectivity

Feedback

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