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2106150-1 Product Details

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2106150-1

TE Internal Number: 2106150-1
✔ Active

Ballast Products

✔ Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Board-to-Component
- 12.70 mm Centerline
- Applies To Printed Circuit Board
- Contact Current Rating, Max. = 2 A

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

Product Type Features:

- Product Type = Connector
- Connector Type = Housing
- Sealed = No
- Termination Method to PC Board = Surface Mount
- PCB Mount Retention = With
- PCB Mount Alignment = Without
- Mount Angle = Right Angle
- Wire/Cable Type = Discrete Wire
- PCB Mount Retention Type = Solder Pads

Electrical Characteristics:

- Contact Current Rating, Max. (A) = 2
- Operating Voltage (VAC) = 250
- Operating Voltage (VDC) = 250

Termination Features:

- Tail Orientation = In-line

Dimensions:

- Length (X-Axis) (mm [in]) = 26.48 [1.042]
- Width (Z-Axis) (mm [in]) = 16.50 [0.649]
- Profile Height (Y-Axis) (mm [in]) = 4.13 [0.163]
- Post-Mating Assembly Measurement (mm [in]) = 14.25 [0.561]

Body Features:

- Header Mating Direction = Horizontal

Contact Features:

- Contact Plating, Termination Area, Material = Matte Tin over Nickel
- Contact Plating, Termination Area, Thickness (µm [µin]) = 5.06 [199.21]
- Contact Plating, Mating Area, Material = Matte Tin
- Contact Plating, Mating Area, Thickness (µm [µin]) = 5.06 [199.21]
- Stamped and Formed = Yes

Housing Features:

- Centerline (mm [in]) = 12.70 [0.500]
- Housing Material = Liquid Crystal Polymer (LCP)
- Housing Color = Natural
- UL Flammability Rating = UL 94V-0

Configuration Features:

- Number of Positions = 2
- Preloaded = Yes

Industry Standards:

- Agency/Standard = CSA, UL
- Agency/Standard Number = C22.2 No. 250, UL 1993
- **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

Environmental:

- Operating Temperature (°C [°F]) = -40 - +120 [-40 - +248]

Conditions for Usage:

- Applies To = Printed Circuit Board
- Glow Wire Rating = Standard Part, Not Glow Wire
- UV Exposure Rated = No

Operation/Application:

- Application Use = Board-to-Component

Packaging Features:

- Packaging Method = SMT Pocket Tape

Other:

- Brand = TE Connectivity

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