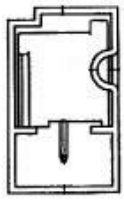
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316532-1 Product Details



316532-1

TE Internal Number: 316532-1

Active

2.5mm Signal Double Lock Connector

Converted to EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Wire-to-Board
- Applies To Printed Circuit Board
- Glow Wire Rating = Standard Part - Not Glow Wire
- Header

View all Features

Add to My Part List | Request Sample | Find Similar Products | Buy Product

Quick Links

- Pricing & Availability
- Search for Tooling
- View Mating Products (1)
- Product Feature Selector
- Contact Us About This Product

Documentation & Additional Information

Product Drawings:
- 2.5MM SIGNAL DBL LOCK STD TYPE HDR IN TUBE 2P (PDF, Japanese)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- 2.5 Signal DBL Lock Connector (PDF, English)

Application Specifications:
- None Available

Instruction Sheets:
- AMP 2.5 SIGNAL DOUBLE LOCK CONNECTOR SERIES (PDF, English)

CAD Files:
- None Available

List all Documents

Additional Information:
- Product Line Information

Additional Product Images:
- PCB Layout

Related Products:
- Tooling
- Mating Products (1)

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

Product Type Features:
- Product Type = Connector
- Connector Type = Header
- Profile = Standard
- PCB Mounting Orientation = Vertical
- PCB Mount Retention = With
- PCB Mount Alignment = Without
- PCB Mount Retention Type = Kinked
- Sealed = No

Mechanical Attachment:
- Contact Retention = Without
- Mating Retention Type = Latching

Electrical Characteristics:
- Contact - Rated Current (A) = 3
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 50
- Operating Voltage (VDC) = 50

Termination Features:
- Termination Method to Wire/Cable = Solder
- Termination Method to PC Board = Through Hole - Solder

Dimensions:
- Tail Length (mm [in]) = 3.2 [0.126]
- PCB Thickness, Recommended (mm [in]) = 1.60 [0.063]

Body Features:
- Header Type = Shrouded
- Mating Retention = With

Housing Features:
- Connector Style = Receptacle
- Centerline (mm [in]) = 2.50 [0.098]
- Housing Material = Nylon 6/6 GF
- Housing Color = Natural
- Mating Alignment = With
- Mating Alignment Type = Polarization

Configuration Features:
- Number of Positions = 3
- Number of Rows = 1
- Strain Relief = Without

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Converted to comply with RoHS directive
- UL Flammability Rating = UL 94V-0

Environmental:
- Operating Temperature (°C [°F]) = -30 – +105 [-22 – +221]

Conditions for Usage:
- Applies To = Printed Circuit Board
- Glow Wire Rating = Standard Part - Not Glow Wire

Operation/Application:
- Application Use = Wire-to-Board
- Contact Transmits (Typical Application) = Signal (Data)

Feedback

Contact Features:

- Contact Type = Tab
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.8 – 2.5 [31.49 – 98.42]
- Contact Plating, Termination Area, Material = Pre-Tin
- Contact Plating, Termination Area, Thickness (µm [µin]) = 0.8 – 2.5 [31.49 – 98.42]
- Underplate Material = Copper
- Underplate Material Thickness (µm [µin]) = 0.50 – 1.20 [19.680 – 47.240]
- Contact Size = .64

Packaging Features:

- Packaging Method = Tube
- Packaging Quantity = 48

Other:

- Brand = AMP



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