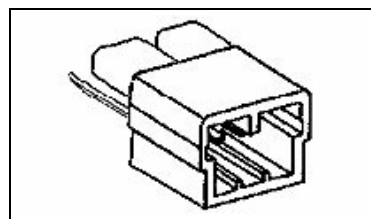




1-917048-1 Product Details



1-917048-1

TE Internal Number: 1-917048-1

Active

MULTILOCK Connectors and Contacts

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- MULTILOCK Product Line
- Connector
- Wire-to-Board
- Connector Assembly
- Contact Type = Tab

[View all Features](#)

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Documentation & Additional Information

Documents are temporarily unavailable. We are working hard to correct the problem. Please try again later.

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- Product Line = MULTILOCK
- [Product Type](#) = Connector
- Connector Type = Connector Assembly
- [PCB Mounting Orientation](#) = Vertical
- PCB Mount Retention = With
- PCB Mount Retention Type = Mounting Hole(s)
- Product Series = 070
- Sealed = No

Mechanical Attachment:

- Mating Retention Type = Latching
- [Panel Mount Retention](#) = Without

Electrical Characteristics:

- Contact - Rated Current (A) = 14

Termination Features:

- Termination Method to PC Board = Through Hole - Solder

Dimensions:

- PCB Thickness, Recommended (mm [in]) = 1.60 [0.063]
- [Tab Width \(mm \[in\]\)](#) = 1.8 [0.0708]
- Tail Length (mm [in]) = 4 [0.157]
- Length (X-Axis) (mm [in]) = 27.50 [1.082]
- Width (Z-Axis) (mm [in]) = 16.30 [0.6417]
- Profile Height (Y-Axis) (mm [in]) = 12.30 [0.4842]

Body Features:

- Mating Retention = With

Contact Features:

- Contact Type = Tab
- Shunts/Shorting Bars = Without
- Multiple Contact Types = Without
- Contact Series = .070
- [Contact Base Material](#) = Brass
- [Contact Plating, Mating Area, Material](#) = Pre-Tin
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.8 [31.49]
- Contact Plating, Termination Area, Material = Pre-Tin

Housing Features:

- Connector Style = Receptacle
- Centerline (mm [in]) = 3.50 [0.138]
- Mating Alignment = With
- Mating Alignment Type = Polarization
- [Housing Color](#) = White
- Housing Material = PBT - GF

Configuration Features:

- [Number of Rows](#) = 1
- [Number of Positions](#) = 3
- GET 0.64 Connector System = No

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Environmental:

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

Conditions for Usage:

- [Applies To](#) = Printed Circuit Board
- [For Use With](#) = Plug: 174921

Operation/Application:

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

Packaging Features:

- Packaging Method = Tube
- Packaging Quantity = 150

Other:

- Brand = AMP
- Proprietary Name = MULTILOCK
- Comment = Supplied with one set screw.

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