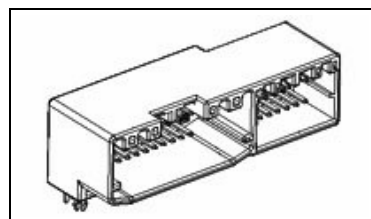




9-1924162-6 Product Details



9-1924162-6

TE Internal Number: 9-1924162-6

Active

MULTILOCK Connectors and Contacts

Always ELV Compliant (Find RoHS Compliant Alternates/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 = Right Angle
- PCB Mount Retention = With
- PCB Mount Retention Type = Boardlock(s)
- Keyed = Yes
- Product Series = 040/2.8
- Sealed = No

Mechanical Attachment:

- Mating Retention Type = Latching
- Panel Mount Retention = Without

Termination Features:

- Termination Method to PC Board = Through Hole - Solder

Dimensions:

- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]
- Tab Width (mm [in]) = 1 [0.039], 2.8 [0.11]
- Tail Length (mm [in]) = 3.4 [0.134]
- Width (Z-Axis) (mm [in]) = 96.30 [3.791]
- Profile Height (Y-Axis) (mm [in]) = 26.58 [1.0464]

Body Features:

- Mating Retention = With
- Key Location = Center

Contact Features:

- Contact Type = Tab
- Shunts/Shorting Bars = Without
- Multiple Contact Types = With
- Contact Series = .040, 2.8
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Matte Tin
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.8 - 1.5 [31.49 - 59.05], 0.8 - 1.6 [31.49 - 62.99]
- Contact Plating, Termination Area, Material = Tin

Housing Features:

- Connector Style = Receptacle
- Mating Alignment = With
- Mating Alignment Type = Keyed

Configuration Features:

- Number of Rows = 2
- Number of Positions = 54
- Number of Sections = 3
- Number of Positions/Section = 20+2/10/20+2
- Number of Cavities = 3
- Number of Positions/Cavity = 22+10+22
- GET 0.64 Connector System = No

Industry Standards:

- RoHS/ELV Compliance = ELV compliant
- Lead Free Solder Processes = Reflow solder capable to 245°C
- RoHS/ELV Compliance History = Always was ELV compliant

Identification Marking:

- Keying = A, B

Environmental:

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

Conditions for Usage:

- Applies To = Printed Circuit Board
- For Use With = Plug: 638207, 1438759 and 1438761

Operation/Application:

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

Packaging Features:

- Packaging Method = Box/Carton
- Packaging Quantity = 20

Other:

- Brand = TE Connectivity
- Proprietary Name = MULTILOCK

- [Housing Color](#) = Gray
- [Housing Material](#) = PCT - GF

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