



1445057-2 Product Details



1445057-2

3mm Centerline, 250V, 5 A max.

Not EU RoHS or ELV Compliant ([Find RoHS Compliant Alternates](#))

Product Highlights:

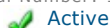
- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Header
- Connector Style = Plug

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TE Internal Number: 1445057-2



Active

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Documentation & Additional Information

Product Drawings:

- [RT ANGLE SURFACE MOUNT HEADER ASSY, TIN CONTACTS W/S...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [1773458-4_MICRO_MATE_N_LOK_CONNECTOR_SYSTEM_QRG](#) (PDF, English)
- [SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- [Micro MATE-N-LOK Connectors](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version D)
- [3D Model](#) (IGES, Version D)
- [3D Model](#) (STEP, Version D)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

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
- PCB Mounting Orientation = Right Angle
- PCB Mount Retention Type = SMT Hold Down
- PCB Mount Retention = With
- Sealed = No
- CSA File Number = LR 7189

Mechanical Attachment:

- Contact Retention = Without
- Panel Mount Retention = Without
- Mating Retention Type = Locking Tab

Electrical Characteristics:

- Contact - Rated Current (A) = 5
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 250
- Operating Voltage (VDC) = 250

Termination Features:

- Termination Method to Wire/Cable = Solder
- Termination Method to PC Board = Surface Mount

Dimensions:

- Tail Length (mm [in]) = 1.4 [0.055]
- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

Housing Features:

- Connector Style = Plug
- Housing Color = Black
- Housing Material = High Temperature Nylon
- Centerline (mm [in]) = 3.00 [0.118]
- Mating Alignment = With
- Mating Alignment Type = Polarization

Configuration Features:

- Number of Positions = 2
- Number of Rows = 1
- Strain Relief = Without

Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not suitable for lead free processing
- VDE Tested = Yes
- Agency/Standard = UL, CSA
- UL Rating = Recognized
- UL File Number = E28476
- CSA Rating = Certified
- UL Flammability Rating = UL 94V-0

Environmental:

- Operating Temperature (°C [°F]) = -40 - +105 [-40 - +221]

Conditions for Usage:

- Applies To = Printed Circuit Board

Body Features:

- SMT Holddown Plating = Tin-Lead
- Mating Retention = With

Contact Features:

- Contact Type = Pin
- Contact Layout = In-Line
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Tin-Lead
- Contact Plating, Mating Area, Thickness (μm [μin]) = 2.54 [100]
- Tail Plating Material = Tin-Lead
- Underplate Material Thickness (μm [μin]) = 1.27 [50.000]
- Multiple Contact Types = Without
- Tail Plating Thickness (μm [μin]) = 2.54 [100]
- Underplate Material = Nickel

Operation/Application:

- Application Use = Wire-to-Board

Packaging Features:

- Packaging Method = Box/Carton
- Packaging Quantity = 215

Other:

- Brand = AMP

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