

## 770149-1 Product Details



770149-1

TE Internal Number: 770149-1

Active

View 3D PDF

.200" Centerline, 250 V, 13 A max.

Always EU RoHS/ELV Compliant (Statement of Compliance)

**Product Highlights:**

- Commercial MATE-N-LOK Product Line
- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Header

View all Features

**Quick Links**

- ▶ Pricing & Availability
- ▶ Search for Tooling
- ▶ Product Feature Selector
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**Documentation & Additional Information**

**Product Drawings:**

- PIN HEADER ASSEMBLY, RIGHT ANGLE MOUNT, 4 CKT, COMME... (PDF, English)

**Catalog Pages/Data Sheets:**

- None Available

**Product Specifications:**

- None Available

**Application Specifications:**

- Commercial MATE-N-LOK Pin And Socket Contacts (PDF, English)
- MATE-N-LOK Commercial Pin and Socket Contacts (PDF, Japanese)

**Instruction Sheets:**

- None Available

**CAD Files:** (CAD Format & Compression Information)

- 2D Drawing (DXF, Version C)
- 3D Model (IGES, Version C)
- 3D Model (STEP, Version C)

List all Documents

**Additional Information:**

- Product Line Information

**Related Products:**

- Tooling

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

**Product Type Features:**

- Product Line = Commercial MATE-N-LOK
- Product Type = Connector
- Connector Type = Header
- Termination Method to PC Board = Surface Mount
- PCB Mounting Orientation = Right Angle
- PCB Mount Alignment = With
- PCB Mount Alignment Type = Locating Post(s)
- Sealed = No
- UL File Number = E28476
- CSA File Number = LR 16455

**Mechanical Attachment:**

- Mating Retention Type = Detent Lock

**Electrical Characteristics:**

- Contact - Rated Current (A) = 12
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 250

**Dimensions:**

- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

**Body Features:**

- Mating Retention = With

**Contact Features:**

- Contact Type = Pin
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Diameter (mm [in]) = 2.13 [0.084]
- Contact Base Material = Phosphor Bronze
- Contact Layout = In-Line

**Housing Features:**

- Housing Color = Natural
- Centerline (mm [in]) = 5.08 [0.200]
- Mating Alignment = With
- Mating Alignment Type = Polarization
- Housing Material = Nylon
- UL Flammability Rating = UL 94V-2

**Configuration Features:**

- Number of Positions = 4
- Number of Rows = 1

**Industry Standards:**

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- VDE Tested = No
- Agency/Standard = UL, CSA
- UL Rating = Certified, Recognized

**Environmental:**

- Operating Temperature (°C [°F]) = -55 - +105 [-67 - +221]

**Conditions for Usage:**

- Applies To = Printed Circuit Board
- For Use With = Socket (Plug) Housing

**Operation/Application:**

- Application Use = Wire-to-Board

**Packaging Features:**

- Packaging Method = Tube
- Packaging Quantity = 20

**Other:**

- Brand = AMP

**Corporate Information**

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- Supplier Portal
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**Quick Links**

- Distributor Inventory
- Product Cross Reference
- Documents & Drawings
- Product Compliance Support Center
- Site Map

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