Tyco Electronics Our commitment. Your advantage.
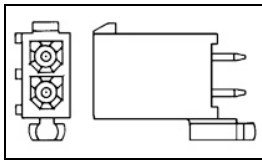
1-770166-1 Product Details

1-770166-1

TE Internal Number: 1-770166-1

✔ Active

📄 View 3D PDF

.163" Centerline, 600 V, 9.5 A max.

🍃 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:
- Header
- Mini-Universal MATE-N-LOK, Mini-Universal MATE-N-LOK 2
- Number of Circuits = 2
- 4.14 mm Centerline, Matrix
- In-Line Contact Layout

View all Features

Add to My Part List   Request Sample   Find Similar Products

Documentation & Additional Information

Product Drawings:
- HEADER ASSEMBLY, 2 CKT, MINI UNIVERSAL MATE-N-LOK (PDF, English)

Catalog Pages/Data Sheets:
- SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- Mini-Universal MATE-N-LOK Connectors (PDF, English)

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version L)
- 3D Model (IGES, Version L)
- 3D Model (STEP, Version L)

Additional Information:
- Product Line Information

Related Products:
- Tooling
- Mating Products (2)

List all Documents

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

Product Type Features:
- Product Type = Header
- Connector Line = Mini-Universal MATE-N-LOK, Mini-Universal MATE-N-LOK 2
- Number of Circuits = 2
- Mount = PCB Through Mount
- Gender = Pin
- Color = White
- Lock Type = Detent Lock
- Mount Angle = Vertical
- PCB Thickness (mm [in]) = 1.57 [0.062]

Mechanical Attachment:
- Boardlock = Short Board Lock

Electrical Characteristics:
- Voltage (VAC) = 600
- Current Rating (Amps.) = 9.5

Termination Related Features:
- Termination (Solder) Post Length (mm [in]) = 3.68 [0.145]

Body Related Features:
- Centerline, Matrix (mm [in]) = 4.14 [.163]
- Drain Hole = With
- Contact Diameter (mm [in]) = 0.99 [0.039]

Contact Related Features:
- Contact Layout = In-Line
- Contact Base Material = Brass
- Contact Mating Area Plating Material = Gold
- CompactPCI = No

Housing Related Features:
- Housing Material = Nylon
- Housing Flammability Rating = UL 94V-0

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 = Always was RoHS compliant

Other:
- Brand = AMP

Need Help?