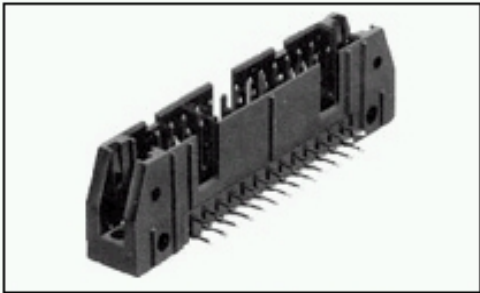


1-102159-1 Product Details



1-102159-1

TE Part Number: 1-102159-1

Active

Add to Part List

Pin and Pinless Headers (AMP-LATCH)

5 of 6 EU RoHS/ELV Compliant (Find RoHS Compliant Alternates/Statement of Compliance)

Product Highlights:

- Connector Type = Universal Ejection Pin Headers
- Standard Profile
- Number of Positions = 60
- 2.54 x 2.54 mm Centerline, Matrix
- PCB Mount Angle = Right Angle

View all Features | Find Similar Products

Live Product Chat

Quick Links

- Check Pricing & Availability
- Search for Tooling
- View Mating Products (1)
- Product Feature Selector
- Contact Us About This Product
- Request Samples

NEW!

Documentation & Additional Information

Product Drawings:

- HEADER ASSY, UNIVERSAL, AMP-LATCH (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- AMP-LATCH* and IDC Header Connectors, .100 x .100 In... (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- AMP* INSTALLATION PROCEDURES FOR AMP-LATCH* UNIVERSA... (PDF, English)

CAD Files: (CAD Format & Compression Information)

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

Additional Information:

- Product Line Information

Related Products:

- Tooling
- Mating Products (1)

List all Documents

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

Product Type Features:

- Connector Type = Universal Ejection Pin Headers
- Profile = Standard
- Number of Positions = 60
- PCB Mount Angle = Right Angle
- PCB Retention Feature = No
- Mating Polarization Method = Center, Dual Polarizing Bar, Military
- Mating Connector Lock = Without
- Housing Style = 4-Sided
- Ejection Latches = Without
- Post Size (mm [in]) = 0.64 [.025]
- Shrouded = Yes
- PCB Thickness (mm [in]) = 1.57 [0.062]
- Mating Polarization = With

Termination Related Features:

- Termination (Solder) Post Length (mm [in]) = 2.79 [0.110]
- Solder Tail Contact Plating = Tin-Lead over Nickel

Body Related Features:

- Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]

Contact Related Features:

- Contact Mating Area Plating Material = Gold (15) over Nickel, Gold Flash over Palladium Nickel
- Contact Shape = Square

Housing Related Features:

- Housing Material = Thermoplastic
- Housing Flammability Rating = UL 94V-0
- Housing Color = Black

Industry Standards:

- RoHS/ELV Compliance = ELV compliant, 5 of 6 Compliant
- Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C

Conditions for Usage:

- Temperature Rating = Standard

Other:

- Brand = AMP