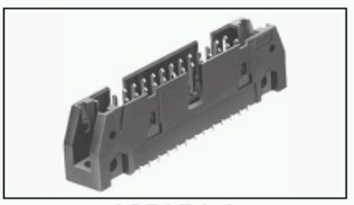
102154-1 Product Details



102154-1

TE Internal Number: 102154-1

Active

AMP-LATCH Pin and Pinless Headers

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

Product Highlights:

- Preloaded
- Connector Style = Header - Pin
- Header Type = Universal Ejection Pin Headers
- AMP-LATCH Product Line
- Standard Profile

View all Features

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- View Mating Products (1)
- Product Feature Selector
- Contact Us About This Product

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 Inc... (PDF, English)

Application Specifications:
- None Available

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

CAD Files:
- None Available

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 Line = AMP-LATCH
- Profile = Standard
- PCB Mounting Orientation = Vertical
- PCB Mount Retention = Without
- Mating Connector Lock = Without
- Housing Style = 4-Sided
- Ejection Latches = Without
- Post Size (mm [in]) = 0.64 [.025]
- Shrouded = Yes

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

Body Features:
- Header Type = Universal Ejection Pin Headers
- Number of Positions = 10
- Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]

Contact Features:
- Preloaded = Yes
- Contact Plating, Mating Area, Material = Gold (30), Gold Flash over Palladium Nickel
- Contact Shape = Square

Housing Features:
- Connector Style = Header - Pin
- Mating Alignment Type = Center, Dual Polarizing Bar, Military
- Mating Alignment = With
- Housing Material = Thermoplastic - GF
- UL 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
- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

Other:
- Brand = AMP
- Comment = Pin headers in 10- and 14-position sizes have only one slot for snap-in polarizer (military polarization), located as shown.; Pin headers in 10-position size have only slot for dual polarization, located as shown.

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