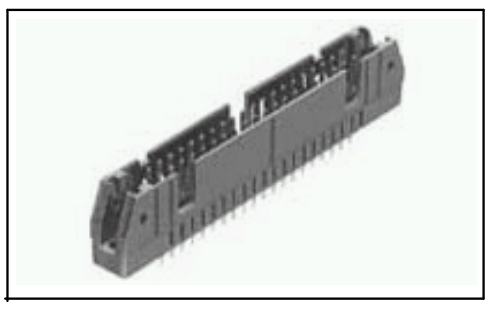
Product Details for 499582 -1



499582 -1

Active

Pin and Pinless Headers (AMP -LATCH)

RoHS/Not ELV Compliant (Find RoHS Compliant Alternates/Compliance Statement)

Product Highlights:

- Connector Type = Universal Ejection Pin Headers
- Standard Profile
- Number of Positions = 10
- 2.54 x 2.54 mm Centerline, Matrix
- PCB Mount Angle = Vertical

View all Features

Quick Links

Check Pricing & Availability
Search for Tooling
View Mating Products (5)
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:

- Connector, AMP -LATCH, ACTION PIN, Header (PDF, English)

Application Specifications:

- AMP-LATCH Universal Headers with ACTION PIN Contacts (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

List all Documents

Additional Information:

- Product Line Information

Related Products:

- Tooling
- Mating Products (5)

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 = 10
- PCB Mount Angle = Vertical
- PCB Retention Feature = With
- PCB Retention Method Feature = ACTION PIN Posts
- 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 x 0.76 [.025 x .030]
- Shrouded = Yes
- PCB Thickness (mm [in]) = 2.36 – 3.18 [0.093 – 0.125]
- Mating Polarization = With
- Comment = Pin headers in 10 - and 14 -position sizes have only one slot for snap -in polarizer (military polarization), located as shown.

Termination Related Features:

- Termination Post Length (mm [in]) = 4.42 [0.174]
- Solder Tail 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 = Gold (30) over Nickel
- Contact Material = Phosphor Bronze

Housing Related Features:

- Housing Material = Glass -Filled Nylon
- Housing Flammability Rating = UL 94V -0
- Housing Color = Black

Industry Standards:

- RoHS/ELV Compliance = RoHS/Not ELV Compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS not ELV compliant

Conditions for Usage:

- Temperature Rating = Standard

Other:

- Brand = AMP

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