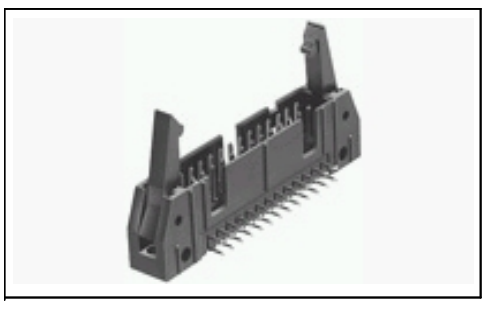
2-5102322-9 Product Details

Live Product Chat US Only 8:30am - 5pm ET, Mon - Fri



2-5102322-9

Active

Pin and Pinless Headers (AMP-LATCH)

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector Type = Universal Ejection Pin Headers
- Standard Profile
- Number of Positions = 40
- 2.54 x 2.54 mm Centerline, Matrix
- PCB Mount Angle = Right Angle

View all Features | Find Similar Products

Quick Links

Check Pricing & Availability
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View Mating Products (14)
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 In... (PDF, English)

Application Specifications:

- None Available

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
- Mating Products (14)

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 = 40
- PCB Mount Angle = Right Angle
- PCB Retention Feature = No
- Mating Polarization Method = Center, Dual Polarizing Bar, Military
- Mating Connector Lock = With
- Housing Style = 4-Sided
- Ejection Latches = With
- Post Size (mm [in]) = 0.64 [.025]
- Shrouded = Yes
- PCB Thickness (mm [in]) = 3.18 [0.125]
- Mating Polarization = With
- Latch Type = Long
- Mating Connector Lock Type = Latch

Termination Related Features:

- Termination (Solder) Post Length (mm [in]) = 3.94 [0.155]
- Solder Tail Contact Plating = Tin 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, Gold Flash over Palladium Nickel
- Contact Shape = Square
- Contact Material = Phosphor Bronze

Housing Related Features:

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

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

Conditions for Usage:

- Temperature Rating = Standard

Other:

- Brand = AMP

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