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- ○ Support
- ○ RoHS Support Center
- ○ Glossary of Terms
- ○ eBulletin Newsletter

Home > Products > By Type > Ribbon and Flat Flex Wire Connectors - Ribbon Cable > Product Feature Selector > Product Details

1-5102154-0 Product Details

Live Product Chat US Only
8:30am - 5pm ET, Mon - Fri
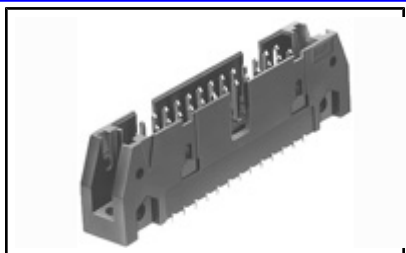
1-5102154-0

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 = 50
- 2.54 x 2.54 mm Centerline, Matrix
- PCB Mount Angle = Vertical

View all Features | Find Similar Products

Quick Links

- Check Pricing & Availability
- Search for Tooling
- View Mating Products (16)
- 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 B)
- 3D Model (IGES, Version B)
- 3D Model (STEP, Version B)

Additional Information:
- Product Line Information

Related Products:
- Tooling
- Mating Products (16)

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 = 50
- PCB Mount Angle = Vertical
- 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 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 (30) 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 = 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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