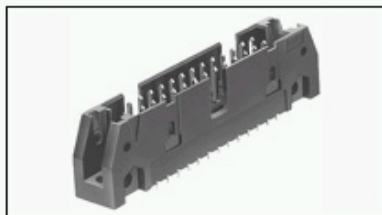


1-102154-2 Product Details



1-102154-2

TE Internal Number: 1-102154-2

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](#)

Quick Links

- [Check Pricing & Availability](#)
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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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

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 = 64
- 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

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