

1-102159-2 Product Details

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TE Part Number: 1-102159-2

[Active](#)

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Pin and Pinless Headers (AMP-LATCH)

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

Product Highlights:

- Connector Type = Universal Ejection Pin Headers
- Standard Profile
- Number of Positions = 64
- 2.54 x 2.54 mm Centerline, Matrix
- PCB Mount Angle = Right Angle

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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 In...](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- [AMP* INSTALLATION PROCEDURES FOR AMP-LATCH* UNIVERSA...](#) (PDF, English)

CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version H)
- [3D Model](#) (IGES, Version H)
- [3D Model](#) (STEP, Version H)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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](#) = 64
- [PCB Mount Angle](#) = Right Angle
- [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-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 Material](#) = Gold (15) 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](#) = 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

Other:

- Brand = AMP