

## 102159-4 Product Details

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### 102159-4

TE Part Number: 102159-4

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 = 20
- 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 \(1\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)
- ▶ [Request Samples](#)

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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](#)
- [Mating Products \(1\)](#)

## 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](#) = 20
- [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