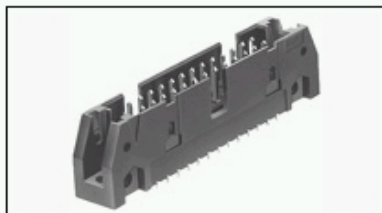


## 102154-8 Product Details



102154-8

TE Internal Number: 102154-8

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](#)
- [Search for Tooling](#)
- [View Mating Products \(1\)](#)
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- [Contact Us About This Product](#)

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

[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 = 34
- 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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