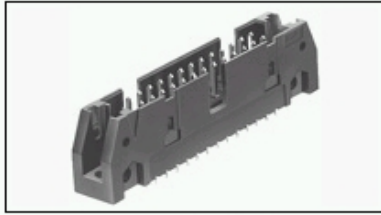


## 1-102154-0 Product Details



1-102154-0

TE Internal Number: 1-102154-0

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](#) = 50
- [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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