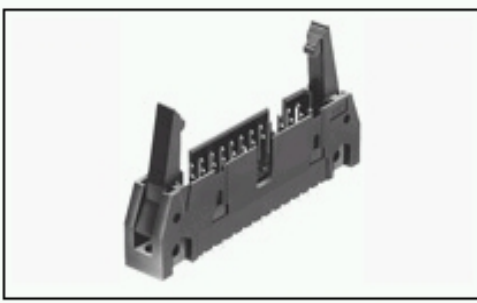


## 102321-7 Product Details

[Live Product Chat](#)



### 102321-7

TE Part Number: 102321-7

Active

[Add to Part List](#)

[View 3D PDF](#)

### 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 = 30
- 2.54 x 2.54 mm Centerline, Matrix
- PCB Mount Angle = Vertical

[View all Features](#) | [Find Similar Products](#)

### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)
- ▶ [Request Samples](#)

**NEW!**

### 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 \(DXF, Version K\)](#)
- [3D Model \(IGES, Version K\)](#)
- [3D Model \(STEP, Version K\)](#)

[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](#) = 30
- [PCB Mount Angle](#) = Vertical
- [PCB Retention Feature](#) = No
- [Mating Polarization Method](#) = Center, Dual Polarizing Bar, Military
- [Mating Connector Lock](#) = With
- [Housing Style](#) = 4-Sided
- [Ejection Latches](#) = With
- [Post Size \(mm \[in\]\)](#) = 0.64 [0.025]
- [Shrouded](#) = Yes
- [PCB Thickness \(mm \[in\]\)](#) = 3.18 [0.125]
- [Mating Polarization](#) = With
- [Latch Type](#) = Long
- [Mating Connector Lock Type](#) = Latch

#### Termination Related Features:

- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.94 [0.155]
- [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 (30) 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