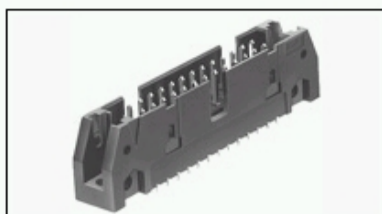


102153-1 Product Details


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102153-1

TE Internal Number: 102153-1

 Active

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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](#)

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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: ([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:

- 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](#) = 10
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]

Contact Features:

- Preloaded = Yes
- [Contact Plating, Mating Area, Material](#) = Gold (15), 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
- Comment = Pin headers in 10- and 14-position sizes have only one slot for snap-in polarizer (military polarization), located as shown.; Pin headers in 10-position size have only slot for dual polarization, located as shown.

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