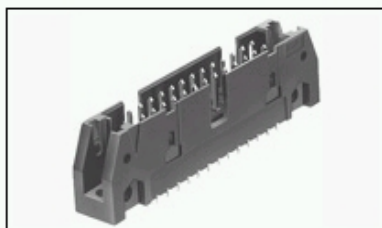


1-5102153-3 Product Details

Have a Question?

Chat with a Product Information Specialist



1-5102153-3

TE Internal Number: 1-5102153-3

Active

[View 3D PDF](#)

Pin and Pinless Headers (AMP-LATCH)

[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- Preloaded
- Housing Gender = Header - Pin
- Header Type = Universal Ejection Pin Headers
- AMP-LATCH Product Line
- Standard Profile

[View all Features](#)

Quick Links

- ▶ [Check Pricing & Availability](#)
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- ▶ [View Mating Products \(3\)](#)
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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:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing \(DXF, Version A\)](#)
- [3D Model \(IGES, Version A\)](#)
- [3D Model \(STEP, Version A\)](#)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(3\)](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Line = AMP-LATCH
- Profile = Standard
- PCB Mount Angle = Vertical
- PCB Mount Retention = Without
- Mating Polarization Type = 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
- Mating Polarization = With

Termination Related Features:

- Termination Post Length (mm [in]) = 2.79 [0.110]
- Solder Tail Contact Plating = Tin over Nickel

Body Related Features:

- Header Type = Universal Ejection Pin Headers
- Number of Positions = 44
- Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]

Contact Related Features:

- Preloaded = Yes
- Contact Plating, Mating Area, Material = Gold (15), Gold Flash over Palladium Nickel
- Contact Shape = Square

Housing Related Features:

- Housing Gender = Header - Pin
- Housing Material = Thermoplastic - GF
- UL Flammability Rating = UL 94V-0
- Housing Color = Black

Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- Temperature Rating = Standard
- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

Other:

- Brand = AMP

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