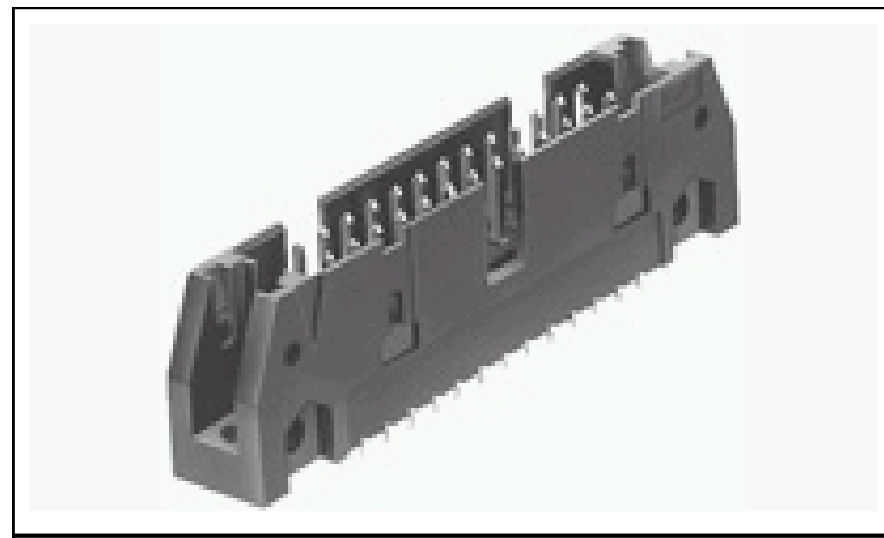


2-5102154 -1 Product Details

Live Product Chat US Only
8:30am - 5pm ET, Mon - Fri



2-5102154 -1

[Active](#)

Pin and Pinless Headers (AMP) -LATCH

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

Product Highlights:

- ? Connector Type = Universal Ejection Pin Headers
- ? Standard Profile
- ? Number of Positions = 10
- ? 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](#)
- [View Mating Products \(13\)](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

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 B)
- ? [3D Model](#) (IGES, Version B)
- ? [3D Model](#) (STEP, Version B)

Additional Information:

- ? [Product Line Information](#)

Related Products:

- ? [Tooling](#)
- ? [Mating Products \(13\)](#)

[List all Documents](#)

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](#) = 10
- ? [PCB Mount Angle](#) = Vertical
- ? [PCB Retention Feature](#) = No
- ? [Mating Polarization Method](#) = 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
- ? PCB Thickness (mm [in]) = 1.57 [0.062]
- ? Mating Polarization = With
- ? 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.

Termination Related Features:

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

Body Related Features:

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

Contact Related Features:

- ? [Contact Mating Area Plating](#) = 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](#) = 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

Other:

- ? Brand = AMP