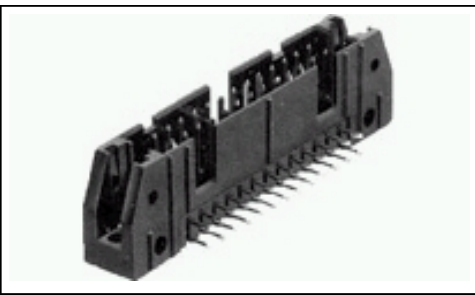


3-5102162 -0 Product Details

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



3-5102162 -0

[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 = 50
- ? 2.54 x 2.54 mm Centerline, Matrix
- ? PCB Mount Angle = Right Angle

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

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [View Mating Products \(16\)](#)
- [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 C)
- ? [3D Model](#) (IGES, Version C)
- ? [3D Model](#) (STEP, Version C)

[List all Documents](#)

Additional Information:

- ? [Product Line Information](#)

Related Products:

- ? [Tooling](#)
- ? [Mating Products \(16\)](#)

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](#) = 50
- ? [PCB Mount Angle](#) = Right Angle
- ? [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]) = 3.18 [0.125]
- ? Mating Polarization = With

Termination Related Features:

- ? [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.94 [0.155]
- ? 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 Material](#) = Gold (30) over Nickel, Gold Flash over Palladium Nickel
- ? Contact Shape = Square
- ? Contact Material = Phosphor Bronze

Housing Related Features:

- ? Housing Material = Thermoplastic
- ? Housing Flammability Rating = UL 94V -0
- ? Housing Color = Blue

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