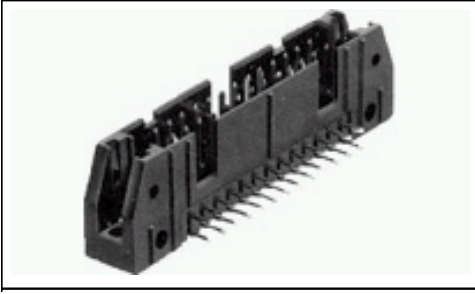


## 5102159 -5 Product Details

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



**5102159 -5**

**Obsolete**  
[Contact Product Information Center](#)

### 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 = 24
- ? 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](#)
- [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:

- ? None Available

#### Additional Information:

- ? [Product Line Information](#)

#### Related Products:

- ? [Tooling](#)

[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](#) = 24
- ? [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]) = 1.57 [0.062]
- ? Mating Polarization = With

#### 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 (15) 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 = 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