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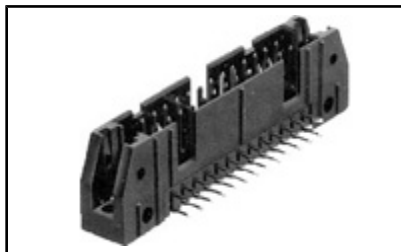
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[Home](#) > [Products](#) > [By Type](#) > [Ribbon and Flat Flex Wire Connectors - Ribbon Cable](#) > [Product Feature Selector](#) > Product Details

# 5102160-4 Product Details

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



**5102160-4**

 [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 = 20
- 2.54 x 2.54 mm Centerline, Matrix
- PCB Mount Angle = Right Angle

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

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)
- [Mating Products \(14\)](#)

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**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](#) = 20
- [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 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 = 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

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