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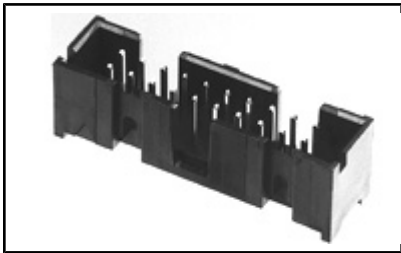
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# 5103308-5 Product Details


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



**5103308-5**

 [Active](#)

### Pin and Pinless Headers (AMP-LATCH)



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

#### Product Highlights:

- Connector Type = Pin Headers
- Low Profile
- Number of Positions = 20
- 2.54 x 2.54 mm Centerline, Matrix
- PCB Mount Angle = Vertical

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#### Documentation & Additional Information

**Product Drawings:**

- [HEADER ASSY, VERTICAL, LOW PROFILE, AMP-LATCH](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- None Available

**Product Specifications:** [Sheet4U.com](#)

- [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 \(14\)](#)

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

- Connector Type = Pin Headers
- [Profile](#) = Low
- [Number of Positions](#) = 20
- [PCB Mount Angle](#) = Vertical
- [PCB Retention Feature](#) = No
- [Mating Polarization Method](#) = Center, Dual Polarizing Bar
- [Mating Connector Lock](#) = Without
- [Housing Style](#) = 4-Sided
- [Ejection Latches](#) = Without
- Post Size (mm [in]) = 0.64 [.025]
- Shrouded = Yes
- Mating Polarization = With
- [Shrouded] End Dimension (mm [in]) = 3.81 [0.150]

**Electrical Characteristics:**

- Current Rating (Amps.) = 1
- Insulation Resistance (M $\Omega$ ) = 5,000

**Termination Related Features:**

- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.05 [0.120]
- Solder Tail Contact Plating = Tin over Nickel

**Body Related Features:**

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

**Contact Related Features:**

- [Contact Mating Area Plating Material](#) = Gold (15) over Nickel, Gold Flash over Palladium Nickel
- Contact Shape = Square
- Contact Material = Copper Alloy
- Approved Standards = UL E28476, CSA LR7189

**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
- Operating Temperature (°C) = -65 – +105

**Other:**

- Brand = AMP

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