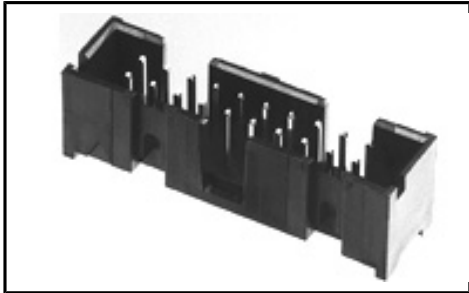# 5103308-8 Product Details

5103308-8

✔ 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 = 40
- 2.54 x 2.54 mm Centerline, Matrix
- PCB Mount Angle = Vertical

View all Features | Find Similar Products **NEW!**

Documentation & Additional Information

Product Drawings:

- HEADER ASSY, VERTICAL, LOW PROFILE, 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 = Pin Headers
- Profile = Low
- Number of Positions = 40
- 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•) = 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 = 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