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103308-1 Product Details

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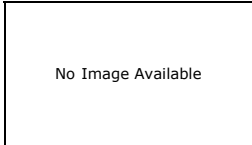
103308-1

TE Internal Number: 103308-1

✔ Active

📄 View 3D PDF

Pin and Pinless Headers (AMP-LATCH)

🍃 5 of 6 EU RoHS/ELV Compliant (Find RoHS Compliant Alternates/Statement of Compliance)

Product Highlights:
- Connector Type = Header - Pin
- Header Type = Pin Header
- AMP-LATCH Product Line
- Low Profile
- 10 Positions

View all Features

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Documentation & Additional Information

Product Drawings:
- HEADER ASSY, LOW PROFILE, AMP-LATCH (PDF, English)

Catalog Pages/Data Sheets:
- PERSONAL SYSTEMS PRODUCTS (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version K)
- 3D Model (IGES, Version K)
- 3D Model (STEP, Version K)

Additional Information:
- Product Line Information

Related Products:
- Tooling
- Mating Products (1)

List all Documents

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

Product Type Features:
- Connector Type = Header - Pin
- Product Line = AMP-LATCH
- Profile = Low
- Number of Positions = 10
- PCB Mount Angle = Vertical
- PCB Retention Feature = No
- Mating Polarization Type = 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 (MΩ) = 5,000

Termination Related Features:
- Termination Post Length (mm [in]) = 3.05 [0.120]
- Solder Tail Contact Plating = Tin-Lead over Nickel

Body Related Features:
- Header Type = Pin Header
- Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]
- Daisy Chain = With

Contact Related Features:
- Contact Plating, Mating Area, Material = Gold (15), Gold Flash over Palladium Nickel
- Contact Shape = Square
- Contact Base Material = Copper Alloy
- Approved Standards = UL E28476, CSA LR7189

Housing Related Features:
- Housing Material = Thermoplastic - GF
- Housing Flammability Rating = UL 94V-0
- Housing Color = Black

Industry Standards:
- RoHS/ELV Compliance = ELV compliant, 5 of 6 Compliant
- Lead Free Solder Processes = Not suitable for lead free processing

Conditions for Usage:
- Temperature Rating = Standard
- Operating Temperature (°C) = -65 – +105

Other:
- Brand = AMP