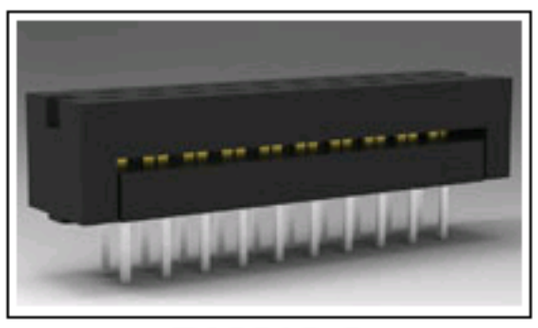
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746610-9 Product Details



746610-9

TE Internal Number: 746610-9

Active

View 3D PDF

AMP-LATCH Ribbon Cable Connectors

Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

Product Highlights:

- AMP-LATCH Product Line
- Wire-to-Board
- Applies To Printed Circuit Board
- Connector Assembly
- Connector Style = Plug

View all Features

Quick Links
- Pricing & Availability
- Search for Tooling
- Product Feature Selector
- Contact Us About This Product

Add to My Part List | Request Sample | Find Similar Products | Buy Product

Documentation & Additional Information

Product Drawings:
- KIT, AMP-LATCH DIP PLUG, PREASSEMBLED, .100 X .100 C... (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- Connector, Round Conductor Cable, Paddleboard & Plug... (PDF, English)

Application Specifications:
- None Available

Instruction Sheets:
- Connector-Specific Kit for AMP-LATCH DIP Connectors (PDF, English)

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

List all Documents

Additional Information:
- Product Line Information

Related Products:
- Tooling

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

Product Type Features:
- Product Line = AMP-LATCH
- Connector Type = Connector Assembly
- Termination Method to PC Board = Through Hole - Solder
- PCB Mounting Orientation = Vertical
- PCB Mount Retention = Without
- PCB Mount Alignment = Without
- Series = AMP-LATCH DIP Plug
- Termination Method to Wire/Cable = Insulation Displacement Crimp (IDC)
- UL File Number = E28476
- CSA File Number = LR 7189

Electrical Characteristics:
- Contact - Rated Current (A) = 1
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 250

Termination Features:
- Wire/Cable Size (AWG) = 26 – 30
- Wire/Cable Size (mm²) = 0.051 – 0.15
- Wire/Cable Size (CMA) = 101 – 296
- Tail Length (mm [in]) = 3.96 [0.156]
- Tail Orientation = In-line

Dimensions:
- PCB Thickness, Recommended (mm [in]) = 3.18 [0.125]
- Length (X-Axis) (mm [in]) = 55.37 [2.1799]
- Width (Z-Axis) (mm [in]) = 7.06 [0.278]
- Profile Height (Y-Axis) (mm [in]) = 6.43 [0.253]

Body Features:
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]

Contact Features:
- Contact Type = Pin
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold or Palladium Nickel or Performance Based
- Contact Plating, Mating Area, Thickness (µm [µin]) = 2.54 [100]
- Contact Plating, Termination Area, Material = Tin-Lead
- Contact Plating, Termination Area, Thickness (µm [µin]) = 2.54 [100]

Housing Features:
- Connector Style = Plug
- Centerline (mm [in]) = 2.54 [0.100]
- Housing Color = Black
- UL Flammability Rating = UL 94V-0

Configuration Features:
- Number of Positions = 40
- Number of Rows = 2

Industry Standards:
- RoHS/ELV Compliance = Not ELV/RoHS compliant
- Lead Free Solder Processes = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- Agency/Standard = CSA, UL
- UL Rating = Recognized
- UL Voltage Rating (VAC) = 250

Environmental:
- Operating Temperature (°C [°F]) = -65 – +105 [-85 – +221]

Conditions for Usage:
- Applies To = Printed Circuit Board
- Accepts Wire Insulation Diameter, Range (mm [in]) = 0.81 – 1.07 [0.032 – 0.042]

Operation/Application:
- Application Use = Wire-to-Board
- Contact Transmits (Typical Application) = Signal (Data)

Packaging Features:
- Packaging Method = Tube

Other:
- Brand = AMP

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