

1218441-6 Product Details

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Subminiature D Pins/Sockets for MIL-C-24308 and MIL-C-39029

Not EU RoHS or ELV Compliant

Product Highlights:

- Connector
- Product Series = 109
- Connector Style = Plug
- Contact Type = Pin
- Density = Standard

View all Features

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1218441-6
(M24308/24-31)
TE Internal Number: 1218441-6
Active

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Documentation & Additional Information

- Product Drawings:**
- PLUG ASSY, AMPLIMITE RIGHT ANGLE, SERIES 109 SIZES 1... (PDF, English)
- Catalog Pages/Data Sheets:**
- None Available
- Product Specifications:**
- None Available
- Application Specifications:**
- None Available
- Instruction Sheets:**
- None Available
- CAD Files:** (CAD Format & Compression Information)
- 2D Drawing (DXF, Version C)
 - 3D Model (IGES, Version C)
 - 3D Model (STEP, Version C)

- Additional Information:**
- Product Line Information
- Additional Product Images:**
- Insert Arrangement
- Related Products:**
- Tooling

List all Documents

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

- Product Type Features:**
- Product Type = Connector
 - Product Series = 109
 - PCB Mounting Orientation = Right Angle
 - Shell Size = 1
 - Shell Material = Steel
 - Mounting Hole Diameter (mm [in]) = 2.92-3.18 [.115-.125]
- Termination Features:**
- Termination Post Length (mm [in]) = 3.95 [0.156]
 - Solder Tail Contact Plating = Solder Dip over Nickel
- Body Features:**
- Number of Positions = 9
 - Blindmate = No
 - Non-Magnetic = No
 - Rear Grommet = No
 - Power/Signal/Coax Combination = No
 - Shell Plating = Cadmium
 - Post Diameter (mm [in]) = 0.76 [0.030]
 - Mount Style = Mounting Holes
- Contact Features:**
- Contact Type = Pin
 - Contact Size = 20
 - Contact Base Material = Brass or Beryllium Copper
 - Contact Plating, Mating Area, Material = Gold
- Housing Features:**
- Connector Style = Plug
- Configuration Features:**
- Density = Standard
- Industry Standards:**
- Government/Industry Qualification = Yes
 - Government/Industry Part Number = M24308/24-31, M24308/24-31F
 - RoHS/ELV Compliance = Not ELV/RoHS compliant
 - Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
 - NASA Qualification = No
- Conditions for Usage:**
- Applies To = Printed Circuit Board
- Other:**
- Brand = AMP
 - Comment = Solder dip per MIL-STD-2000 to a distance .020 [0.51] max. from insert assembly.

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