

1218441-6 Product Details



1218441-6
(M24308/24-31)

TE Internal Number: 1218441-6

 Active

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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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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)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Insert Arrangement](#)

Related Products:

- [Tooling](#)

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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