



+ CONNECTORS

BOX MOUNT D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
AMPLIMITE,ASY,PLUG,109,3,RTANG

[AMPLIMITE](#) | [AMPLIMITE](#) , Commercial Pin & Socket

1218440-8
TE Internal Number: 1218440-8
Mil-Spec: M24308/24-27F

Not EU RoHS Compliant
Not EU ELV Compliant

Post Diameter .76 mm [.03 in]

Connector Style Plug

PCB Mounting Orientation Right Angle

Number of Positions 25

Power/Signal/Coax Combination No

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

PLUG ASSY,AMPLIMITE RIGHT ANGLE,SERIES 109,SIZE 1 THRU 5

PDF
English

CAD Files

Customer View Model

3D_STP.ZIP
English

3D PDF

PDF
3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Product Environmental Compliance

REACH Substance Communication Document

RSCD_Cadmium

PDF

English

FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

- Connector Style Plug
- PCB Mounting Orientation Right Angle
- Shell Size 3
- Connector & Contact Terminates To Printed Circuit Board
- Blindmate No
- Product Type Connector

Configuration Features

- Number of Positions 25
- Power/Signal/Coax Combination No

Body Features

- Non-Magnetic No
- Shell Plating Material Cadmium
- Insert Arrangement MS18275-1
- Shell Material Steel

Contact Features

- Solder Tail Contact Plating Material Solder Dip over Nickel
- Contact Size 20
- Contact Mating Area Plating Material Gold
- Contact Base Material Brass or Beryllium Copper
- Contact Mating Area Plating Thickness (µin) 10, 50
- Contact Type Pin

Termination Features

- Termination Post Length 3.18 mm [.125 in]

Mechanical Attachment

Mounting Hole Diameter 3.05 mm [.12 in]

Dimensions

Post Diameter .76 mm [.03 in]

Operation/Application

ULTRA-LITE Connector No

Industry Standards

NASA Qualification No

Packaging Features

Packaging Method Package

Other

Comment Solder dip per MIL-STD-2000 to a distance .020 [0.51] max. from insert assembly.

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF