



CONNECTORS

## BOX MOUNT D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

**AMPLIMITE, ASY, PLUG, RT ANG, 109, 3**

[AMPLIMITE](#) | [AMPLIMITE](#)

1218440-3

TE Internal Number: 1218440-3

Mil-Spec: M24308/24-27F

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Plug**

Post Diameter **.76 mm [ .03 in ]**

PCB Mounting Orientation **Right Angle**

Number of Positions **25**

Power/Signal/Coax Combination **No**



### Product Drawings

[PLUG ASSY,AMPLIMITE RIGHT ANGLE,SERIES 109,SIZE 1 THRU 5](#)

PDF  
English

### CAD Files

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

### Product Environmental Compliance

REACH Substance Communication Document

[RSCD\\_Cadmium](#)

PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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Product Type Features	Connector Style	<b>Plug</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Shell Size	<b>3</b>
	Blindmate	<b>No</b>
	Applies To	<b>Printed Circuit Board</b>
	Product Type	<b>Connector</b>

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Configuration Features	Number of Positions	<b>25</b>
	Power/Signal/Coax Combination	<b>No</b>

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Body Features	Non-Magnetic	<b>No</b>
	Insert Arrangement	<b>MS18275-1</b>
	Shell Material	<b>Steel</b>
	Shell Plating Material	<b>Cadmium</b>

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Contact Features	Contact Size	<b>20</b>
	Solder Tail Contact Plating Material	<b>Nickel</b>
	Contact Base Material	<b>Brass or Beryllium Copper</b>
	Contact Type	<b>Pin</b>
	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness (µin)	<b>10, 50</b>

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Termination Features	Termination Post Length	<b>3.18 mm [ .125 in ]</b>
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Mechanical Attachment	Mounting Style	<b>Mounting Holes</b>
	Mounting Hole Diameter	<b>3.05 mm [ .12 in ]</b>

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Dimensions	Post Diameter	<b>.76 mm [ .03 in ]</b>
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Operation/Application	ULTRA-LITE Connector	<b>No</b>
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Industry Standards	NASA Qualification	<b>No</b>
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Packaging Features

Packaging Method

Package

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Other

Comment

**For solder dip product see part number 1218440-8.**

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Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

