

BOX MOUNT D-SUB CONNECTORS



TE CONNECTIVITY (TE)

R/A PLG ASSY 50 POS SER 109

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

1218444-5

TE Internal Number: 1218444-5

Mil-Spec: M24308/24-53F

[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 **50**

Power/Signal/Coax Combination **No**

☒ Obsolete

[PRODUCT DRAWING](#)
English

[3D PDF](#)

Product Drawings

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

PDF ([TIFF AVAILABLE](#))
English

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

PDF ([TIFF AVAILABLE](#))
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.

	PCB Mounting Orientation	Right Angle
	Shell Size	5
	Blindmate	No
	Applies To	Printed Circuit Board
	Product Type	Connector
Configuration Features	Number of Positions	50
	Power/Signal/Coax Combination	No
Body Features	Non-Magnetic	No
	Insert Arrangement	MS18277-1
	Shell Material	Steel
	Shell Plating Material	Cadmium
Contact Features	Contact Size	20
	Solder Tail Contact Plating Material	Gold
	Contact Base Material	Brass or Beryllium Copper
	Contact Type	Pin
	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µin)	10
Termination Features	Termination Post Length	4.78 mm [.188 in]
Mechanical Attachment	Mounting Style	Mounting Holes
	Mounting Hole Diameter	2.92 – 3.18 mm [.115 – .125 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	For solder dip product see part number 1-1218444-0.

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)