



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) 25 MSFL PLUG RA 318 (FM,BL) AMPLIMITE | Standard

5747842-2
 TE Internal Number: 5747842-2

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline (mm) **2.77**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

Product Drawings

PLUG ASSEMBLY, SIZE 3, 25 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, BOARDLOCKS, AMPLIMITE HD-20

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Catalog Pages/Data Sheets

AMPLIMITE Subminiature D Connectors - Right-Angle Posted Connectors

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.

Product Type Features

Connector Style	Plug
Shell Size	3
Profile	Standard
PCB Mounting Orientation	Right Angle
Grounding Straps	With

	Shell Type	Front Metal Shell
	Footprint	8.08 mm [.318 in]
	Grounding Indents	With
	Applies To	Printed Circuit Board
	Sealed	No
	Grounded	Yes
	Product Type	Connector
<hr/>		
Configuration Features	Number of Positions	25
	Number of Rows	2
	Preloaded	Yes
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Body Features	Plastic	No
	Color Code	None
	Eyelet Plating Material	Tin over Copper Flash
	Shell Plating Material	Tin
	Insert Material	Zinc
	Shell Material	Carbon Steel
	Eyelet Material	Brass
	Post Size	.66 mm [.026 in]
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Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin
	Contact Base Material	Brass
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	Gold over Palladium Nickel, Gold
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Termination Features	Termination Post Length	3.18 mm [.125 in]
	Grounding Clips	Without
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Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Mating Connector Lock	Without
	Panel Mount Retention	Without
	Boardlock Material	Copper Alloy
	Mating Retention	Without

	Mating Retention	Without
	PCB Mount Alignment	With
	Mounting Hole Diameter	3.18 mm [.125 in]
	Boardlock Plating Material	Tin over Nickel
Housing Features	Centerline (mm)	2.77
	Housing Color	Black
	Housing Material	Nylon, Polyester
Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tray
	Packaging Quantity	65
Other	Comment	Plugs are preloaded with size 20 DF posted pin contacts
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

Products - 18 Results

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - IDC D-Sub Connectors
 AMPLIMITE I HDE (IDC) Insulation

**25 HDE MS RCPT, 22-26,
 LEAD FREE - 1-745495-8**

TE INTERNAL NUMBER: 1-745495-8
 ALIAS ID: 4-16211-7546, AMP-1-0745495-8, D32547-000

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - PCB D-Sub Connectors
AMPLIMITE I SL, Standard

25 HTMSFL ASSY RA 318
(SL, BL) - 5788801-1

TE INTERNAL NUMBER: 5788801-1

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **2.76 mm**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - PCB D-Sub Connectors
AMPLIMITE I Standard

25 MSFL RCPT RA 318
(IN, FM, BL) - 5747846-4

TE INTERNAL NUMBER: 5747846-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

Contact Shape **Round**

