



## PCB D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### 25 HTMSFL PLUG RA 318 (SL,BL)

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

5788795-1

TE Internal Number: 5788795-1

[Always EU RoHS/ELV Compliant](#)

Connector Style **Plug**

Centerline (mm) **2.28**

Number of Positions **25**

Number of Rows **2**

Shell Size **1**

#### Product Drawings

[PLUG ASSEMBLY, SIZE 3, .318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, 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

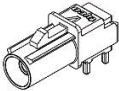
Connector Style	<b>Plug</b>
Shell Size	<b>1</b>
Profile	<b>Standard</b>
PCB Mounting Orientation	<b>Right Angle</b>
Grounding Straps	<b>With</b>

	Shell Type	Front Metal Shell
	Footprint	8.08 mm [ .318 in ]
	Grounding Indents	With
	Applies To	Printed Circuit Board
	Sealed	No
	Product Type	Connector
Configuration Features	Number of Positions	25
	Number of Rows	2
	Preloaded	Yes
Body Features	Plastic	No
	Female Screwlock Material	Zinc
	Female Screwlock Plating Material	Clear Chromate
	Color Code	None
	Eyelet Plating Material	Tin
	Shell Plating Material	Tin
	Shell Material	Steel
	Eyelet Material	Brass
	Post Size (in)	.026
Contact Features	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	Gold
Termination Features	Termination Post Length	3.18 mm [ .125 in ]
	Grounding Clips	Without
Mechanical Attachment	PCB Mounting Style	Surface Mount, Through Hole
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Mating Connector Lock	With
	Mating Connector Lock Type	Female Screwlocks, Fixed
	Panel Mount Retention	Without
	Boardlock Material	Copper Alloy
	PCB Mount Alignment	With

	PCB Mount Alignment	With
	Boardlock Plating Material	Tin
	Mating Alignment	With
Housing Features	Centerline (mm)	2.28
	Housing Color	Black
	Housing Material	Thermoplastic
Dimensions	PCB Thickness (Recommended)	1.57 mm [ .062 in ]
Usage Conditions	High Temperature Housing	Yes
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Package
	Packaging Quantity	65
Product Compliance	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

CUSTOMERS ALSO BOUGHT

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DATA CONNECTORS




D/C R/A PCB FAKRA SMB  
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638817-4

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Relation Type



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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**

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

**KIT, RCPT, 25P, HDE,  
SHLD ENCLSRE  
- 1-747947-6**  
TE INTERNAL NUMBER: 1-747947-6

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Shielded **Yes**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - PCB D-Sub Connectors  
AMPLIMITE I Standard

**25 MSFL RCPT RA 318  
(FM, BL) - 5747846-2**  
TE INTERNAL NUMBER: 5747846-2

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

Contact Shape **Round**