



## PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

### 15 MSFL PLUG RA 318 (SL,FM,BL)

AMPLIMITE | SL , Standard

747841-6

TE Internal Number: 747841-6

Alias ID: 27-01518-00

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Plug**

Centerline **2.74 mm [ .107 in ]**

Number of Positions **15**

Number of Rows **2**

Shell Size **2**

#### Product Drawings

[PLUG ASSEMBLY, SIZE 2, 15 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

#### Product Specifications

Product Specification

[AMPLIMITE HD-20 PCB Mounted Connector](#)

PDF  
English

Application Specification

[AMPLIMITE Right-Angle Front Metal Shell Connectors](#)

PDF  
English

Qualification Test Report

[Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted](#)

PDF  
English

#### Product Environmental Compliance

TE Material Declaration

[MD\\_747841-6\\_05102014143\\_dmtec](#)

PDF  
English

Product Type Features	Connector Style	<b>Plug</b>
	Shell Size	<b>2</b>
	Profile	<b>Standard</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Grounding Straps	<b>With</b>
	Shell Type	<b>Front Metal Shell</b>
	Footprint	<b>8.08 mm [ .318 in ]</b>
	Grounding Indents	<b>With</b>
	Applies To	<b>Printed Circuit Board</b>
	Sealed	<b>No</b>
	Grounded	<b>Yes</b>
	Product Type	<b>Connector</b>
	Shielded	<b>Yes</b>
Configuration Features	Number of Positions	<b>15</b>
	Number of Rows	<b>2</b>
	Preloaded	<b>Yes</b>
Body Features	Plastic	<b>No</b>
	Female Screwlock Material	<b>Zinc</b>
	Female Screwlock Plating Material	<b>Clear Chromate</b>
	Color Code	<b>None</b>
	Eyelet Plating Material	<b>Tin over Copper Flash</b>
	Shell Plating Material	<b>Tin</b>
	Insert Material	<b>Chromate</b>
	Shell Material	<b>Steel</b>
	Eyelet Material	<b>Brass</b>
Post Size	<b>.66 mm [ .026 in ]</b>	
Contact Features	Contact Shape	<b>Round</b>
	Solder Tail Contact Plating Material	<b>Tin-Lead over Nickel</b>
	Contact Base Material	<b>Brass</b>
	Contact Mating Area Plating Thickness (µin)	<b>30</b>
	Contact Mating Area Plating Material	<b>Gold Flash over Palladium Nickel, Gold</b>

Termination Features	Termination Post Length	<b>3.18 mm [ .125 in ]</b>
	Grounding Clips	<b>Without</b>
Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Boardlocks</b>
	Mating Connector Lock	<b>With</b>
	Mating Connector Lock Type	<b>Female Screwlocks, Fixed</b>
	Panel Mount Retention	<b>Without</b>
	Boardlock Material	<b>Copper Alloy</b>
	Mounting Hole Diameter	<b>3.18 mm [ .125 in ]</b>
	Boardlock Plating Material	<b>Tin-Lead over Nickel</b>
Housing Features	Centerline	<b>2.74 mm [ .107 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Nylon or Polyester</b>
Dimensions	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	Approved Standards	<b>UL E28476</b>
Packaging Features	Packaging Method	<b>Tray</b>
	Packaging Quantity	<b>104</b>
Other	Comment	<b>Plugs are preloaded with size 20 DF posted pin contacts</b>
Product Compliance	<a href="#">Statement of Compliance</a> PDF <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

Products - 6 Results

[View All](#)

Compare 0/10



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

**KIT, RCPT, 15P, HDE,  
SHLD HDWRE - 747532-7**

TE INTERNAL NUMBER: 747532-7

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Shielded **Yes**

Number of Positions **15**

Number of Rows **2**

Preloaded **Yes**



RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - IDC D-Sub Connectors  
AMPLIMITE I HDF for Flat Ribbon Cable

**15 POS HDF RCPT, MS,  
LEAD FREE - 1658612-3**

TE INTERNAL NUMBER: 1658612-3

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **15**

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

**KIT, RCPT, 15P, HDE,  
SHLD ENCLSRE  
- 1-747945-5**

TE INTERNAL NUMBER: 1-747945-5

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Shielded **Yes**

Number of Positions **15**

Number of Rows **2**

Preloaded **Yes**

