



PCB D-SUB CONNECTORS



TE CONNECTIVITY (TE) 15 PLUG SP/FMS INSRT AMPLIMITE | FSM , SP

747872-8
TE Internal Number: 747872-8

5 of 6 EU RoHS/ELV Compliant
[Find Compliant Alternatives](#)

Connector Style **Plug**

Centerline (in) **.108**

Number of Positions **15**

Number of Rows **2**

Shell Size **2**

Active

[PRODUCT DRAWING](#)
English

[3D PDF](#)

Product Drawings

[PLUG ASSEMBLY, SIZE 2, 15 POS., VERTICAL, .026 DIA. POSTS, FRONT SHELL, AMPLIMITE HDP](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
English

Product Specifications

Product Specification

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

PDF
English

Application Specification

[AMPLIMITE HD-20 Straight Solder Contact Tine, Front Metal Shell, PC Board And Panel Mount Connectors](#)

PDF
English

Qualification Test Report

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

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.

	Shell Size	2
	Profile	Standard
	PCB Mounting Orientation	Vertical
	Grounding Straps	Without
	Shell Type	Front Metal Shell
	Grounding Indents	With
	Applies To	Printed Circuit Board
	Sealed	No
	Grounded	Yes
	Product Type	Connector
<hr/>		
Configuration Features	Number of Positions	15
	Number of Rows	2
	Preloaded	Yes
<hr/>		
Body Features	Plastic	No
	Color Code	None
	Shell Plating Material	Tin
	Insert Material	Brass
	Shell Material	Carbon Steel
	Post Size	.66 mm [.026 in]
<hr/>		
Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin over Nickel, Tin-Lead over Nickel
	Contact Base Material	Brass
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold
<hr/>		
Termination Features	Termination Post Length	3.18 mm [.125 in]
	Grounding Clips	Without
<hr/>		
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	With
	PCB Mount Retention Type	Mounting Holes
	Mating Connector Lock	With
	Mating Connector Lock Type	Threaded Insert, 4-40 UNC
	Panel Mount Retention	Without

Mounting Hole Diameter **3.05 mm [.12 in]**
Threaded Insert Material **Brass**

Housing Features
Centerline (in) **.108**
Housing Color **Black**
Housing Material **Thermoplastic**

Dimensions
PCB Thickness (Recommended) **1.57 – 2.36 mm [.062 – .093 in]**

Industry Standards
UL Flammability Rating **UL 94V-0**
Approved Standards **UL E28476**

Packaging Features
Packaging Method **Tube**
Packaging Quantity **13**

Other
Comment **Plugs are preloaded with size 20 DF posted pin contacts**

Product Compliance
[Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

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 HDF for Flat Ribbon Cable

**15 POS HDF RCPT, MS,
LEAD FREE - 1658610-3**
TE INTERNAL NUMBER: 1658610-3

✓ 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 ENCLSR**
- 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**



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

**RCPT ASSY, 15P, HDE,
MS - 1-745493-6**

TE INTERNAL NUMBER: 1-745493-6

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **15**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**

