



## PCB D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### 25 RCPT SP/FMS BRDLK

AMPLIMITE | FSM , SP

2-747708-0

TE Internal Number: 2-747708-0

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Receptacle**

Centerline (in) **.109**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

#### Product Drawings

[RECEPTACLE ASSEMBLY, SIZE 3, 25 POS., VERTICAL, .026 DIA. DUPLEX PLATED POSTS, FRONT SHELL, AMPLIMITE](#)

PDF **(TIFF AVAILABLE)**  
English

[RECEPTACLE ASSEMBLY, SIZE 3, 25 POS., VERTICAL, .026 DIA. DUPLEX PLATED POSTS, FRONT SHELL, AMPLIMITE](#)

PDF **(TIFF AVAILABLE)**  
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

Product Type Features	Connector Style	<b>Receptacle</b>
	Shell Size	<b>3</b>
	Profile	<b>Standard</b>
	PCB Mounting Orientation	<b>Vertical</b>
	Grounding Straps	<b>Without</b>
	Shell Type	<b>Front Metal Shell</b>
	Grounding Indents	<b>Without</b>
	Applies To	<b>Printed Circuit Board</b>
	Sealed	<b>No</b>
Product Type	<b>Connector</b>	
Configuration Features	Number of Positions	<b>25</b>
	Number of Rows	<b>2</b>
	Preloaded	<b>Yes</b>
Body Features	Plastic	<b>No</b>
	Color Code	<b>None</b>
	Shell Plating Material	<b>Tin</b>
	Insert Material	<b>Brass</b>
	Shell Material	<b>Steel</b>
	Post Size	<b>.66 mm [ .026 in ]</b>
Contact Features	Contact Shape	<b>Round</b>
	Solder Tail Contact Plating Material	<b>Tin over Copper</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Mating Area Plating Thickness (µin)	<b>30</b>
	Contact Mating Area Plating Material	<b>Gold</b>
	Solder Tail Contact Plating Finish	<b>Bright</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>4-40 Retention Insert</b>
	Mating Connector Lock	<b>Without</b>

Mating Connector Lock	Without
Panel Mount Retention	Without
Boardlock Material	Brass
Mounting Hole Diameter	3.07 mm [ .121 in ]
Boardlock Plating Material	Tin over Copper

Housing Features	Centerline (in)	.109
	Housing Color	Black
	Housing Material	Thermoplastic

Dimensions	PCB Thickness (Recommended)	1.57 mm [ .062 in ]
------------	-----------------------------	---------------------

Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	UL E81956

Packaging Features	Packaging Method	Tube
	Packaging Quantity	10

Other	Comment	All receptacles are preloaded with size 20 DF posted socket contacts
-------	---------	--

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

Products - 9 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  
**PLUG ASSY, 25P, HDE,**  
**MS - 1-745496-9**  
 TE INTERNAL NUMBER: 1-745496-9

Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **1.38 mm**

Number of Positions **25**

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

### 25 POS HDF PLUG, MS, LEAD FREE - 1658613-2

TE INTERNAL NUMBER: 1658613-2  
ALIAS ID: 1067816

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

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

### KIT, PLUG, 25P, HDE, SHLD ENCLSRE - 1-747948-6

TE INTERNAL NUMBER: 1-747948-6

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

