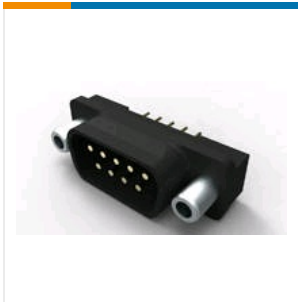




# PCB D-SUB CONNECTORS



## TE CONNECTIVITY (TE) HD-20 PLUG 9P VERT FFSCRLK AMPLIMITE | Standard

5745071-2  
TE Internal Number: 5745071-2

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline (in) **.109**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[PLUG ASSEMBLY, SIZE 1, 9 POSN, VERTICAL, AMPLIMITE HD-20](#)

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

### Catalog Pages/Data Sheets

[AMPLIMITE Subminiature D Connectors - Straight 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>Vertical</b>
Grounding Straps	<b>Without</b>
Shell Type	<b>All Plastic</b>

	Shell Type	<b>All Plastic</b>
	Grounding Indents	<b>Without</b>
	Applies To	<b>Printed Circuit Board</b>
	Sealed	<b>No</b>
	Grounded	<b>No</b>
	Product Type	<b>Connector</b>
	Shielded	<b>No</b>
<hr/>		
Configuration Features	Number of Positions	<b>9</b>
	Number of Rows	<b>2</b>
	Preloaded	<b>Yes</b>
<hr/>		
Body Features	Plastic	<b>Yes</b>
	Female Screwlock Material	<b>Brass</b>
	Female Screwlock Plating Material	<b>Nickel over Copper Flash</b>
	Color Code	<b>None</b>
	Post Size	<b>.66 mm [ .026 in ]</b>
<hr/>		
Contact Features	Contact Shape	<b>Round</b>
	Solder Tail Contact Plating Material	<b>Tin 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</b>
<hr/>		
Termination Features	Termination Post Length	<b>3.18 mm [ .125 in ]</b>
	Grounding Clips	<b>Without</b>
<hr/>		
Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Mounting Holes</b>
	Mating Connector Lock	<b>With</b>
	Mating Connector Lock Type	<b>Female Screwlocks, Fixed</b>
	Panel Mount Retention	<b>Without</b>
	Mounting Hole Diameter	<b>3.05 mm [ .12 in ]</b>
<hr/>		
Housing Features	Centerline (in)	<b>.109</b>
	Housing Color	<b>Black</b>

Housing Material

**Polyester**

Dimensions

PCB Thickness (Recommended)

**1.57 – 2.36 mm [ .062 – .093 in ]**

Industry Standards

UL Flammability Rating

**UL 94V-0**

Packaging Features

Packaging Method

**Tube**

Packaging Quantity

**17**

Other

Comment



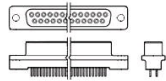

**Plugs are preloaded with size 20 DF posted pin contacts**

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS	PCB D-SUB CONNECTORS	PCB D-SUB CONNECTORS	SURFACE MOUNT RESISTORS
			
SMF3 6K8 5% SMF36K8JT	15 RCPT SP/FMS SCTRL 1-5747299-6	HD-20 RCPT 9P VERT FFSCRLK 5745076-4	SMW3 10R 5% SMW310RJT
<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>

Products - 3 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

**09 HDE AP RECEPT,  
LEAD FREE - 745201-7**

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **9**





TE INTERNAL NUMBER: 745201-7

✓ Active

Number of Positions **7**

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 | HDF for Flat Ribbon Cable

### 09 POS HDF RCPT, AP, LEAD FREE - 1658609-4

TE INTERNAL NUMBER: 1658609-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **9**

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 | HDF for Flat Ribbon Cable

### 09 POS HDF RCPT, AP, LEAD FREE - 1658614-4

TE INTERNAL NUMBER: 1658614-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**

