



PCB D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)
9POL HDP20 PLUGASSY
 AMPLIMITE | Metal Shell

8-338168-2
 TE Internal Number: 8-338168-2

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline (mm) **2.74**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Product Drawings

[HD-20 SIZE 1 RIGHT ANGLE PLUG HEADER; MARK II+](#)
 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	Plug
Shell Size	1
Profile	Standard
PCB Mounting Orientation	Right Angle
Grounding Straps	With
Shell Type	Front Metal Shell

Shell Type	FRONT METAL SHELL
Footprint	10.3 mm [.406 in]
Grounding Indents	With
Applies To	Printed Circuit Board
Sealed	No
Grounded	Yes
Product Type	Connector

Configuration Features	Number of Positions	9
	Number of Rows	2
	Performance Level	Level 2
	Preloaded	Yes

Body Features	Plastic	No
	Color Code	None
	Shell Plating Material	Tin
	Color	Black
	Insert Material	Steel
	Shell Material	Steel
	Post Size (mm)	.7

Contact Features	Solder Tail Contact Plating Material	Tin
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µm)	.76
	Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold

Termination Features	Termination Post Length	3.2 mm [.126 in]
	Grounding Clips	Without

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	Female Screwlocks, 4-40 UNC
	Panel Mount Retention	Without
	Mating Retention Type	Screw
	Mating Retention	With

PCB Mount Alignment **With**
Boardlock Plating Material **Tin**

Housing Features
Centerline (mm) **2.74**
Housing Color **Black**
Housing Material **Glass Filled Polyester**

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

Industry Standards
UL Flammability Rating **UL 94V-0**
Approved Standards **DIN 41652**

Packaging Features
Packaging Method **Tray**
Packaging Quantity **55**

Other
Installation Height (mm) **7.3**

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

Products - 9 Results

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Relation Type ▼

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
9 POS HDF RCPT, MS
- 5746861-4
TE INTERNAL NUMBER: 5746861-4

✓ 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 I HDF for Flat Ribbon Cable

**09 POS HDF RCPT, MS,
LEAD FREE - 1658612-4**

TE INTERNAL NUMBER: 1658612-4

✓ 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

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PRODUCT - MATING PRODUCTS

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

**09 HDE MS RCPT, 26-30,
LEAD FREE - 1-745491-6**

TE INTERNAL NUMBER: 1-745491-6

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**

