



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) 9P.HDP20 PLUG ASSY

AMPLIMITE | Standard

2-338309-2
TE Internal Number: 2-338309-2

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

[HDP-20 SIZE 1 VERTICAL+ PLUG HEADER; WITH SOLDER CONTACTS](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
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
PCB Mounting Orientation	Vertical
Grounding Straps	Without
Shell Type	Front Metal Shell
Grounding Indents	Without
Applies To	Printed Circuit Board
Sealed	No

	Grounded	No
	Product Type	Connector
	Shielded	No
<hr/>		
Configuration Features	Number of Positions	9
	Number of Rows	2
	Performance Level	Level 2
	Preloaded	Yes
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Body Features	Plastic	No
	Color Code	None
	Shell Plating Material	Tin
	Color	Black
	Shell Material	Steel
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Contact Features	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	Gold
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Termination Features	Termination Post Length	3.2 mm [.1259 in]
	Grounding Clips	Without
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Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Mating Connector Lock	With
	Mating Connector Lock Type	Threaded Insert, M3
	Panel Mount Retention	Without
	Boardlock Material	Phosphor Bronze
	Mounting Hole Diameter (mm)	5
	Boardlock Plating Material	Tin
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Housing Features	Centerline (mm)	2.74
	Housing Color	Black
	Housing Material	Glass Filled Polyester

Dimensions	PCB Thickness (Recommended)	1.6 mm [.063 in]
Industry Standards	Approved Standards	DIN 41652
	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tray
	Packaging Quantity	55
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 I HDE (IDC) Insulation

**09 HDE MS RCPT, 22-26,
LEAD FREE - 1-745491-7**

TE INTERNAL NUMBER: 1-745491-7
ALIAS ID: AMP-1-0745491-7, E48286-000

✓ 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

**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 HDE (IDC) Insulation

RCPT ASSY, 9P, HDE, MS
- 1-745491-9

TE INTERNAL NUMBER: 1-745491-9

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**