+ CONNECTORS

PCB D-SUB CONNECTORS

TE CONNECTIVITY (TE)

9POL HDP20 PLUG

AMPLIMITE | Metal Shell

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

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline (mm) **2.74**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

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	Boardlocks
	Mating Connector Lock	With
	Mating Connector Lock Type	Threaded Insert, M3
	Panel Mount Retention	Without
	Mating Retention Type	Threaded Inserts
	Boardlock Material	Phosphor Bronze

Mating Retention	**With**	
PCB Mount Alignment	**With**	
Mounting Hole Diameter (mm)	**3.1**	
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

View All

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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 | 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**

Mating Products
Used to identify Mating Parts

PRODUCT - MATING PRODUCTS

Connectors - IDC D-Sub Connectors
AMPLIMITE | 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**

Mating Products
Used to identify Mating Parts

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**