



# PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

## TE CONNECTIVITY (TE) 15P.HDP20 REC.ASSY.

AMPLIMITE | Metal Shell

5-106506-2  
TE Internal Number: 5-106506-2

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (mm) **2.74**

Number of Positions **15**

Number of Rows **2**

Shell Size **2**

### Product Drawings

[HD-20 SIZE 2 RIGHT ANGLE RECEPTACLE HEADER; MARK II](#)

PDF  
English

### CAD Files

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

2D\_DXF.ZIP  
English

[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

**Receptacle**

Shell Size

**2**

Profile

**Standard**

PCB Mounting Orientation

**Right Angle**

Grounding Straps

**With**

Shell Type

**Front Metal Shell**

Shell Type	<b>FRONT METAL SHELL</b>
Footprint	<b>10.31 mm [ .406 in ]</b>
Grounding Indents	<b>Without</b>
Applies To	<b>Printed Circuit Board</b>
Sealed	<b>No</b>
Product Type	<b>Connector</b>

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Configuration Features	Number of Positions	<b>15</b>
	Number of Rows	<b>2</b>
	Performance Level	<b>Level 2</b>
	Preloaded	<b>Yes</b>

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

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Contact Features	Solder Tail Contact Plating Material	<b>Tin</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Mating Area Plating Material	<b>Gold Flash</b>

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Termination Features	Termination Post Length	<b>3.2 mm [ .1259 in ]</b>
	Grounding Clips	<b>Without</b>

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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>Without</b>
	Panel Mount Retention	<b>With</b>
	Mating Retention Type	<b>Mounting Holes</b>
	Boardlock Material	<b>Phosphor Bronze</b>
	Mating Retention	<b>With</b>
	PCB Mount Alignment	<b>With</b>
	Boardlock Plating Material	<b>Tin</b>
	Mating Alignment	<b>With</b>

Housing Features	Centerline (mm)	<b>2.74</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Polyester GF</b>
Dimensions	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	Approved Standards	<b>DIN 41652</b>
Packaging Features	Packaging Method	<b>Tray</b>
	Packaging Quantity	<b>45</b>
Other	Installation Height (mm)	<b>7.3</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

Products - 7 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

**15 HDE MS PLUG, 22-26,  
LEAD FREE - 1-745494-5**

TE INTERNAL NUMBER: 1-745494-5  
ALIAS ID: 2-42932-9181, AMP-1-0745494-5, D82690-000

 Active

Always EU RoHS/ELV Compliant 

Connector Style **Plug**

Number of Positions **15**

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

**15 POS HDF PLUG, MS,  
LEAD FREE - 1658608-3**  
TE INTERNAL NUMBER: 1658608-3

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **15**

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 | HDE (IDC) Insulation

**PLUG ASSY, 15P, HDE,  
MS - 1-745494-7**  
TE INTERNAL NUMBER: 1-745494-7

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **15**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**

