



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

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

AMPLIMITE | Metal Shell

3-106506-2
TE Internal Number: 3-106506-2

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

Configuration Features	Number of Positions	15
	Number of Rows	2
	Performance Level	Level 2
	Preloaded	Yes

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

Contact Features	Solder Tail Contact Plating Material	Tin
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Material	Gold Flash

Termination Features	Termination Post Length	3.2 mm [.1259 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	Female Screwlocks, 4-40 UNC
	Panel Mount Retention	Without
	Mating Retention Type	Screwlocks
	Boardlock Material	Phosphor Bronze
	Mating Retention	With
	PCB Mount Alignment	With
	Boardlock Plating Material	Tin

	Mating Alignment	With
Housing Features	Centerline (mm)	2.74
	Housing Color	Black
	Housing Material	Polyester GF
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	45
Other	Installation Height (mm)	7.3

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

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

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

**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 I HDE (IDC) Insulation

**KIT, PLUG, 15P, HDE,
SHLD HDWRE - 747531-8**

TE INTERNAL NUMBER: 747531-8

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Centerline **1.38 mm**

Number of Positions **15**

Number of Rows **2**

