



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) HD-20 RCPT 25P RA 590

AMPLIMITE | HD.25 , Standard

5747461-2
TE Internal Number: 5747461-2

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.108**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

Product Drawings

RECEPTACLE ASSY, SIZE 3, 25 POSN, RIGHT ANGLE, .590 SERIES, .026 DIA POSTS, AMPLIMITE HD-20

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

3D PDF

PDF
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	3
Profile	Standard
PCB Mounting Orientation	Right Angle
Grounding Straps	Without

	Shell Type	All Plastic
	Footprint	14.99 mm [.59 in]
	Grounding Indents	Without
	Applies To	Printed Circuit Board
	Sealed	No
	Grounded	No
	Product Type	Connector
Configuration Features	Number of Positions	25
	Number of Rows	2
	Preloaded	Yes
Body Features	Plastic	Yes
	Color Code	None
	Shell Plating Material	Tin
	Insert Material	Zinc
	Shell Material	Steel
	Post Size	.66 mm [.026 in]
Contact Features	Contact Shape	Round
	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
Termination Features	Termination Post Length	3.18 mm [.125 in]
	Grounding Clips	Without
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	With
	PCB Mount Retention Type	Mounting Holes
	Mating Connector Lock	Without
	Panel Mount Retention	Without
	Mounting Hole Diameter	3.18 mm [.125 in]
Housing Features	Centerline (in)	.108
	Housing Color	Black

Housing Color

Black

Housing Material

Nylon GF, Polyester GF

Dimensions

PCB Thickness (Recommended)

2.36 mm [.093 in]

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Method

Package

Packaging Quantity

70

Other

Comment

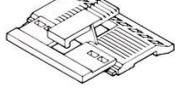
All receptacles are preloaded with size 20 DF posted socket contacts

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>06P UMNLI IN-LINE CAP HSG KIT 770027-1</p> <p>Save to List Find Similar Products</p>	<p>PCB D-SUB CONNECTORS</p>  <p>HD-20 RCPT 9P RA 318 THD INS 5745394-2</p> <p>Save to List Find Similar Products</p>	<p>PCB CONNECTOR COVERS</p>  <p>16 AMPMODU MT COVER DR .100CL 102681-3</p> <p>Save to List Find Similar Products</p>	<p>PCB D-SUB CONNECTORS</p>  <p>AMP III PLUG 25P RA 590 5748826-1</p> <p>Save to List Find Similar Products</p>
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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

25 HDE AP PLUG, LEAD

Always EU RoHS/ELV Compliant

Connector Style **Plug**





FREE - 745211-7
TE INTERNAL NUMBER: 745211-7

✓ Active

Number of Positions **25**

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

**25 POS HDF PLUG, AP,
LEAD FREE - 1658615-2**
TE INTERNAL NUMBER: 1658615-2

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **25**

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

**PLUG ASSY, 25P, HDE,
AP - 745211-9**
TE INTERNAL NUMBER: 745211-9

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**

