

## **PCB D-SUB CONNECTORS**





✓ Activ



PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE)
25 APFL RCPT RA 590

AMPLIMITE | Standard

747461-2

TE Internal Number: 747461-2 Alias ID: 2-30123-2025

5 of 6 EU RoHS/ELV Compliant Find Compliant Alternatives

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 (TIFF AVAILABLE)

English

RECEPTACLE ASSY, SIZE 3, 25 POSN, RIGHT ANGLE, .590 SERIES, .026 DIA

POSTS, AMPLIMITE HD-20

PDF (TIFF AVAILABLE)

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

**Product Specifications** 

Application Specification

AMPLIMITE HD-20 Series 318, 478, And 590 Right-Angle All Plastic Housing PC

**Board Connectors** 

PDF **English** 

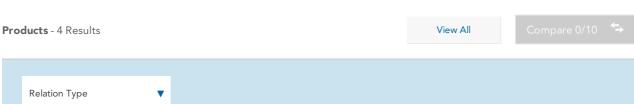
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features Connector Style Receptacle

Shell Size

	JIIGII JIZG	•
	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
	Insert Material	Zinc
	Post Size	.66 mm [ .026 in ]
Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin-Lead 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 Material Nylon GF, Polyester GF Dimensions PCB Thickness (Recommended) 2.36 mm [ .093 in ] Industry Standards **UL Flammability Rating UL 94V-0** Approved Standards **UL E28476 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 VIEW ALL PRODUCT COMPLIANCE









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



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

