



PCB D-SUB CONNECTORS



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**

Active

[PRODUCT DRAWING](#)
English

[3D PDF](#)

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 PCB 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

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
	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 PDF VIEW ALL PRODUCT COMPLIANCE	

Products - 4 Results

[View All](#)

Compare 0/10

Relation Type

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
**25 POS HDF PLUG, AP,
 LEAD FREE - 1658611-2**
 TE INTERNAL NUMBER: 1658611-2

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 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**

