



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) AMP III PLUG 25P RA 590

AMPLIMITE | AM , Standard

5748826-1
TE Internal Number: 5748826-1

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline (in) **.108**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

Product Drawings

PLUG ASSEMBLY, SIZE 3, 25 POSN, ALL PLASTIC, RIGHT ANGLE, .590 SERIES, AMPLIMITE III

PDF (TIFF AVAILABLE)
English

PLUG ASSEMBLY, SIZE 3, 25 POSN, ALL PLASTIC, RIGHT ANGLE, .590 SERIES, AMPLIMITE III

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

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	Plug
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
Product Type	Connector

Configuration Features	Number of Positions	25
	Number of Rows	2
	Preloaded	Yes

Body Features	Plastic	Yes
	Color Code	None

Contact Features	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Brass
	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	Without
	Mating Connector Lock	Without
	Panel Mount Retention	Without
	Mounting Hole Diameter (in)	.125

Housing Features	Centerline (in)	.108
	Housing Color	Black
	Housing Material	Nylon, Polyester

Dimensions	PCB Thickness (Recommended)	2.36 mm [.093 in]
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Packaging Features

Packaging Method

Package

Packaging Quantity

70

Other

Comment





Plugs are preloaded with size 20 DF posted pin contacts

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

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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 | HDF for Flat Ribbon Cable
**25 POS HDF RCPT, AP
- 1658609-2**
TE INTERNAL NUMBER: 1658609-2

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

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 | HDF for Flat Ribbon Cable

**25 POS HDF RCPT, AP,
LEAD FREE - 1658614-2**

TE INTERNAL NUMBER: 1658614-2

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

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 | HDE (IDC) Insulation

**25 HDE AP RECEPT,
LEAD FREE - 745209-7**

TE INTERNAL NUMBER: 745209-7

ALIAS ID: 4-16211-7283

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**

