



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) 25 RCPT SP/FMS BRDLK AMPLIMITE | FSM , SP

5748612-1
TE Internal Number: 5748612-1

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.108**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

Product Drawings

RECEPT ASSY, SIZE 3, 25 POSN, VERT, FRT METAL SHELL, RETENTION SCREWLOCKS, AMPLIMITE HD-20

PDF (TIFF AVAILABLE)
English

RECEPT ASSY, SIZE 3, 25 POSN, VERT, FRT METAL SHELL, RETENTION SCREWLOCKS, 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

Catalog Pages/Data Sheets

AMPLIMITE Subminiature D Connectors - Straight Posted Connectors

PDF
English

Product Specifications

Product Specification

AMPLIMITE HD-20 PCB Mounted Connector

PDF
English

Application Specification

AMPLIMITE HD-20 Straight Solder Contact Tine, Front Metal Shell, PC Board And Panel Mount Connectors

PDF
English

Qualification Test Report

Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_5748612-1_061620141041_dmtec](#)

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	Vertical
	Grounding Straps	Without
	Shell Type	Front Metal Shell
	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	No
	Female Screwlock Material	Zinc
	Color Code	None
	Shell Plating Material	Tin
	Shell Material	Carbon 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	4-40 Retention Screwlocks
	Mating Connector Lock	Without
	Panel Mount Retention	Without
	Mounting Hole Diameter	3.07 mm [.121 in]
Housing Features	Centerline (in)	.108
	Housing Color	Black
	Housing Material	Polyester
Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tube
	Packaging Quantity	10
Other	Comment	All receptacles are preloaded with size 20 DF posted socket contacts
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

Products - 9 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

**25 HDE MS PLUG, 22-26,
LEAD FREE - 1-745496-7**

TE INTERNAL NUMBER: 1-745496-7
ALIAS ID: AMP-1-0745496-7, C29226-000

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **1.38 mm**

Number of Positions **25**

✓ Active

Number of Rows **2**

Preloaded **Yes**

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, MS, LEAD FREE - 1658608-2

TE INTERNAL NUMBER: 1658608-2

✓ 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, MS - 1-745496-9

TE INTERNAL NUMBER: 1-745496-9

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **1.38 mm**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

