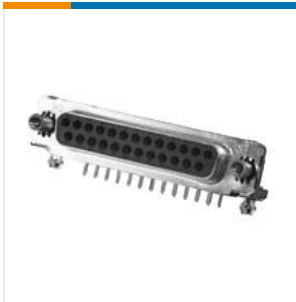




PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) 25 MSFL RCPT RA 318 (IN,FM) AMPLIMITE | Standard

745783-4
TE Internal Number: 745783-4
Alias ID: 1096472

Not EU RoHS or ELV Compliant
Find Compliant Alternatives

Connector Style **Receptacle**
Centerline (in) **.109**
Number of Positions **25**
Number of Rows **2**
Shell Size **3**

Product Drawings

[RCPT ASSY, SIZE 3, 25 POSN, RTANG, AMPLIMITE HD-20, WITH METAL SHELL WITH OR WITHOUT SCREWLOCKS OR INSERTS](#)
PDF
English

CAD Files

[3D PDF](#)
PDF
3D

[Customer View Model](#)
2D_DXF.ZIP
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[Customer View Model](#)
3D_IGS.ZIP
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3D_STP.ZIP
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Product Specifications

Product Specification [AMPLIMITE HD-20 PCB Mounted Connector](#)
PDF
English
Application Specification [AMPLIMITE Right-Angle Front Metal Shell Connectors](#)
PDF
English
Qualification Test Report [Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted](#)
PDF
English

Product Environmental Compliance

TE Material Declaration [MD_745783-4_0422201429_dmtc](#)
PDF
English

Product Type Features	Connector Style	Receptacle
	Shell Size	3
	Profile	Standard
	PCB Mounting Orientation	Right Angle
	Grounding Straps	With
	Shell Type	Front Metal Shell
	Footprint	8.08 mm [.318 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	No
	Color Code	None
	Eyelet Plating Material	Tin
	Shell Plating Material	Tin
	Insert Material	Zinc
	Shell Material	Steel
	Eyelet Material	Brass
	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	With
Mating Connector Lock Type	Threaded Insert, 4-40 UNC
Panel Mount Retention	Without
Mating Retention	With
Mounting Hole Diameter	3.05 mm [.12 in]
Threaded Insert Material	Zinc
Threaded Insert Plating Material	Clear Chromate

Housing Features	Centerline (in)	.109
	Housing Color	Black
	Housing Material	Thermoplastic

Dimensions	PCB Thickness (Recommended)	2.36 mm [.093 in]
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Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	UL E28476

Packaging Features	Packaging Method	Tray
	Packaging Quantity	65

Other	Comment	All receptacles are preloaded with size 20 DF posted socket contacts
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Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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Mating Products

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PRODUCT - MATING PRODUCTS



Connectors - IDC D-Sub Connectors
AMPLIMITE I HDE (IDC) Insulation

25 SHLDG ENCL PLUG, LEAD FREE - 1-747948-5

TE INTERNAL NUMBER: 1-747948-5

Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Number of Positions **25**

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 HDE (IDC) Insulation

PLUG ASSY, 25P, HDE, MS - 2-745496-0

TE INTERNAL NUMBER: 2-745496-0

Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **1.38 mm**

Number of Positions **25**

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 - 1658613-2

TE INTERNAL NUMBER: 1658613-2
ALIAS ID: 1067816

Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**



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