



PCB D-SUB CONNECTORS



TE CONNECTIVITY (TE) 25 RCPT SP/MS STD AMPLIMITE | SP

205738-3
TE Internal Number: 205738-3

[Always 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 ASSEMBLY, SIZE 3, 25 POSN, VERTICAL, AMPLIMITE HDP](#)
PDF
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

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_205738-3_123020141133_dmtec](#)
PDF
English

Product Type Features	Connector Style	Receptacle
	Shell Size	3
	Profile	Standard
	PCB Mounting Orientation	Vertical
	Grounding Straps	Without
	Shell Type	Full Metal Shell
	Grounding Indents	Without
	Applies To	Printed Circuit Board
	Sealed	No
	Grounded	No
	Product Type	Connector
	Shielded	Yes
Configuration Features	Number of Positions	25
	Number of Rows	2
	Preloaded	Yes
Body Features	Plastic	No
	Color Code	None
	Shield Plating Material	Tin
	Shell Plating Material	Zinc
	Insert Material	Polyamide, GV
	Shell Material	Carbon Steel
	Post Size	.64 mm [.025 in]
	Shield Material	Steel
Contact Features	Contact Shape	Square
	Solder Tail Contact Plating Material	Tin over Nickel, Tin-Lead over Nickel
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold
Termination Features	Termination Post Length	.427 mm [.427 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)	.12
Housing Features	Centerline (in)	.108
	Housing Color	Black
	Housing Material	PBT GF
Dimensions	PCB Thickness (Recommended) (mm)	1.57, 2.36
	PCB Thickness (Recommended) (in)	.062, .093
Industry Standards	Insert Flammability Rating	UL 94V-0
	UL Flammability Rating	UL 94V-0
	Approved Standards	UL E28476
Packaging Features	Packaging Method	Tube
	Packaging Quantity	10
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 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**

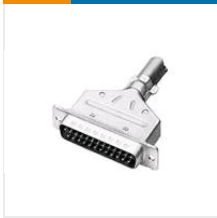
Number of Rows **2**

Preloaded **Yes**

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**KIT, PLUG, 25P, HDE,
SHLD HDWRE - 747547-8**

TE INTERNAL NUMBER: 747547-8

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**Shielded **Yes**Centerline **1.38 mm**Number of Positions **25**Number of Rows **2**

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**