+ CONNECTORS

PCB D-SUB CONNECTORS

TE CONNECTIVITY (TE)

09 RCPT SP/FMS SCRLK

AMPLIMITE | SP , Standard

1-5747150-4
TE Internal Number: 1-5747150-4

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in)   **.108**

Number of Positions   **9**

Number of Rows   **2**

Shell Size   **1**

✔ Active

⬇ **PRODUCT DRAWING**
  English

⬇ **3D PDF**

Product Drawings	RECEPTACLE ASSEMBLY, SIZE 1, 9 POSITION FRONT METAL SHELL, WITH OR WITHOUT SCREWLOCKS OR INSERTS, 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**
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

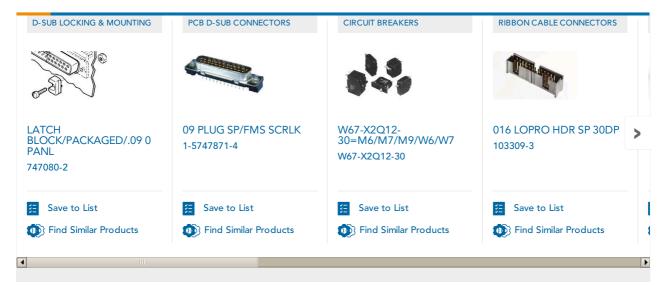|	
TE Material Declaration	MD_1-5747150-4_0616201413_dmtec PDF **English**

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	1
	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	9
	Number of Rows	2
	Preloaded	Yes

Body Features	Plastic	No
	Female Screwlock Material	Zinc
	Color Code	None
	Shell Plating Material	Tin
	Insert Material	Brass
	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

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	Female Screwlocks, Fixed
	Panel Mount Retention	Without
	Mounting Hole Diameter	3.05 mm [.12 in]
Housing Features	Centerline (in)	.108
	Housing Color	Black
	Housing Material	Polyester
Dimensions	PCB Thickness (Recommended)	1.57 – 2.36 mm [.062 – .093 in]
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tube
	Packaging Quantity	17
Other	Comment	All receptacles are preloaded with size 20 DF posted socket contacts
Product Compliance	Statement of Compliance PDF	

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

Relation Type ▼

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

Connectors - IDC D-Sub Connectors
AMPLIMITE | HDE (IDC) Insulation
09 SHLDG ENCL PLUG, LEAD FREE - 1-747944-5
TE INTERNAL NUMBER: 1-747944-5

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Number of Positions **9**

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 | HDF for Flat Ribbon Cable
09 POS HDF PLUG, MS, LEAD FREE - 1658613-4
TE INTERNAL NUMBER: 1658613-4

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **9**

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
9 POS HDF PLUG, MS - 5746862-4
TE INTERNAL NUMBER: 5746862-4

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**