+ CONNECTORS

PCB D-SUB CONNECTORS

TE CONNECTIVITY (TE)

09 RCPT SP/FMS (RET SL)

AMPLIMITE | SP , Standard

5750678-1
TE Internal Number: 5750678-1

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (mm) **2.74**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

Product Drawings

RECEPTACLE ASSEMBLY, SIZE 1, 9 POSN, VERTICAL, FRONT METAL SHELL, AMPLIMITE HD-20
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_5750678-1_061620141042_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
	Shell Material	Carbon Steel
	Post Size	.66 mm [.026 in]
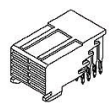
Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	Gold

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 (mm)	**2.74**
	Housing Color	**Black**
	Housing Material	**PBT**

Dimensions	PCB Thickness (Recommended)	**1.57 mm [.062 in]**

Industry Standards	UL Flammability Rating	**UL 94V-0**

Packaging Features	Packaging Method	**Tube**
	Packaging Quantity	**17**

Other	Comment	**All receptacle assemblies are preloaded with size 20 DF posted socket contacts.**

Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

THROUGH-HOLE RESISTORS	RECTANGULAR POWER CONNECTORS	CXP	HARD METRIC BACKPLANE CONNECTORS
LR1 1% 1K8	2MM FB, ASY, 008, PWR, REC, EN, 3.56	CXP RCPT KIT W/HEAT SINK	2MM HM ASY, T-B, HDR, 10R, 250, AP
LR1F1K8	5536614-1	2149157-1	5646357-1
Save to List	Save to List	Save to List	Save to List
Find Similar Products	Find Similar Products	Find Similar Products	Find Similar Products

Products - 8 Results

View All   Compare 0/10

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 HDE PMOLD PLUG, LEAD FREE - 747515-7
TE INTERNAL NUMBER: 747515-7

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Centerline **1.38 mm**

Number of Positions **9**

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 | HDE (IDC) Insulation
09 HDE MS PLUG, 26-30, LEAD FREE - 1-745492-7
TE INTERNAL NUMBER: 1-745492-7

✔ 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
09 POS HDF PLUG, MS, LEAD FREE - 1658608-4
TE INTERNAL NUMBER: 1658608-4

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**