+ CONNECTORS

PCB D-SUB CONNECTORS

✔ Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

09 RCPT SP/MS STD

AMPLIMITE | SP

745183-1
TE Internal Number: 745183-1

5 of 6 EU RoHS/ELV Compliant
Find Compliant Alternatives

Connector Style	**Receptacle**
Centerline (in)	**.108**
Number of Positions	**9**
Number of Rows	**2**
Shell Size	**1**

Product Drawings

RECEPTACLE ASSY, SIZE 1, 9 POS, VERTICAL, AMPLIMITE HDP
PDF **(TIFF AVAILABLE)**
English

RECEPTACLE ASSY, SIZE 1, 9 POS, VERTICAL, AMPLIMITE HDP
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

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_745183-1_12122015150_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	**High**
	PCB Mounting Orientation	**Vertical**
	Grounding Straps	**Without**
	Shell Type	**Full 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**
	Color Code	**None**
	Shell Plating Material	**Tin**
	Insert Material	**Thermoplastic**
	Shell Material	**Carbon Steel**
	Post Size	**.64 mm [.025 in]**

Contact Features		
	Contact Shape	**Square**
	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 Flash over Palladium Nickel, 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**

	PCB Mount Retention Type	Mounting Holes
	Mating Connector Lock	**Without**
	Panel Mount Retention	**Without**
	Mounting Hole Diameter	**3.05 mm [.12 in]**

Housing Features		
	Centerline (in)	**.108**
	Housing Color	**Black**
	Housing Material	**Thermoplastic**

Dimensions		
	PCB Thickness (Recommended)	**1.57 – 2.36 mm [.062 – .093 in]**

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	**17**

Other		
	Comment	**All receptacles are preloaded with size 20 DF posted socket contacts**

Product Compliance		
	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

Products - 8 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 | 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**

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 | 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**