+ CONNECTORS

PCB D-SUB CONNECTORS

TE CONNECTIVITY (TE)

09 MSFL PLUG RA 318 (SL,FM,BL)

AMPLIMITE | SL , Standard

747840-5
TE Internal Number: 747840-5

Not EU RoHS or ELV Compliant
Find Compliant Alternatives

Connector Style **Plug**

Centerline (mm) **2.74**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

Product Drawings

PLUG ASSEMBLY, SIZE 1, 9 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, BOARDLOCKS, AMPLIMITE HD-20
PDF
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

3D PDF
PDF
3D

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

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**	

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	**Plug**
	Shell Size	**1**

	Profile	**Standard**
	PCB Mounting Orientation	**Right Angle**
	Grounding Straps	**With**
	Shell Type	**Front Metal Shell**
	Footprint	**8.08 mm [.318 in]**
	Grounding Indents	**With**
	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**
	Female Screwlock Plating Material	**Clear Chromate**
	Color Code	**None**
	Eyelet Plating Material	**Tin over Copper Flash**
	Shell Plating Material	**Tin**
	Shell Material	**Steel**
	Eyelet Material	**Brass**
	Post Size	**.66 mm [.026 in]**

Contact Features	Contact Shape	**Round**
	Solder Tail Contact Plating Material	**Tin over Nickel, Tin-Lead over Nickel**
	Contact Base Material	**Brass**
	Contact Mating Area Plating Material	**Gold Flash**

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	**Boardlocks**
	Mating Connector Lock	**With**

	Mating Connector Lock Type	**Female Screwlocks, Fixed**
	Panel Mount Retention	**Without**
	Boardlock Material	**Copper Alloy**
	Mounting Hole Diameter	**3.18 mm [.125 in]**
	Boardlock Plating Material	**Tin-Lead over Nickel**

Housing Features	Centerline (mm)	**2.74**
	Housing Color	**Black**
	Housing Material	**Nylon GF, Polyester GF**

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

Industry Standards	UL Flammability Rating	**UL 94V-0**
	Approved Standards	**UL E28476**

Packaging Features	Packaging Method	**Tray**
	Packaging Quantity	**130**

Other	Comment	**Plugs are preloaded with size 20 DF posted pin contacts**

Product Compliance	Statement of Compliance
	PDF
	VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD HEADERS & RECEPTACLES	PCB FERRULES & SHIELDS	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES	SURFACE MOUNT DEVICES
03P MTA100 HDR ASSY FL/RA LF	Z-PACK SHLD.LOWER A	26 MODII HDR DRST B/A W/HD	SMD030F-2018-2
3-641127-3	5338108-9	1-104433-3	SMD030F-2018-2
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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
KIT, RCPT, 9P, HDE, SHLD HDWRE - 747516-9
TE INTERNAL NUMBER: 747516-9

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

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 - Solder D-Sub Connectors
AMPLIMITE | Solder Cup Connectors
LF RECEPT KIT, SIZE 1, 7.2MM - 1571654-4
TE INTERNAL NUMBER: 1571654-4

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **9**

Contact Size **20**

Shell Size **1**

Enclosure **With**

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

Connectors - Solder D-Sub Connectors
AMPLIMITE | Solder Cup Connectors
LF RECEPT KIT, SIZE 1, 9.5MM - 1571654-5
TE INTERNAL NUMBER: 1571654-5

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **9**

Contact Size **20**

Shell Size **1**

Enclosure **With**