

PCB D-SUB CONNECTORS







PRODUCT DRAWING



3D PDF

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

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

Customer View Model

3D_IGS.ZIP English

Customer View Model

3D_STP.ZIP English

Product Specifications

Product Specification AMPLIMITE HD-20 PCB Mounted Connector

English

Application Specification AMPLIMITE Right-Angle Front Metal Shell Connectors

English

Qualification Test Report Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted

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

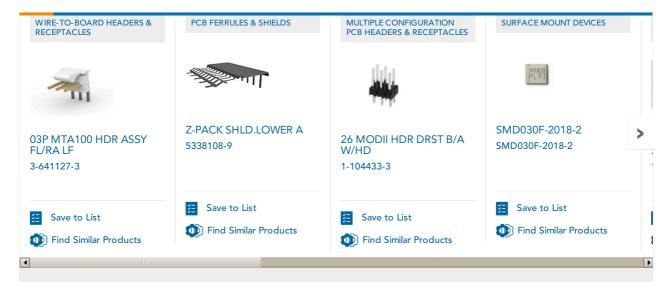
	Profile	Standard
	PCB Mounting Orientation	Right Angle
	Grounding Straps	With
	Shell Type	Front Metal Shell
	Footprint	8.08 mm [.318 in]
	Grounding Indents	With
	Applies To	Printed Circuit Board
	Sealed	No
	Product Type	Connector
	Troduct Type	Connector
Configuration Features	Number of Positions	9
	Number 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 Without Copper Alloy 3.18 mm [.125 in] Tin-Lead over Nickel
	Panel Mount Retention	
	Boardlock Material	
	Mounting Hole Diameter	
	Boardlock Plating Material	
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



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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

✓ Activ

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions 9

Contact Size 20

Shell Size 1

Enclosure With





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