



PCB D-SUB CONNECTORS



TE CONNECTIVITY (TE)

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

AMPLIMITE | SL , Standard

747844-5

TE Internal Number: 747844-5

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Receptacle**

Centerline **2.74 mm [.108 in]**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[RECEPTACLE ASSEMBLY, SIZE 1, RIGHT ANGLE, .318 SERIES, FRONT METAL SHELL, .026 DIA POSTS, BOARDLOCKS, 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](#)

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Product Specifications

Product Specification

[AMPLIMITE HD-20 PCB Mounted Connector](#)

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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

Product Environmental Compliance

TE Material Declaration





[MD_747844-5_05102014144_dmtec](#)

PDF
English

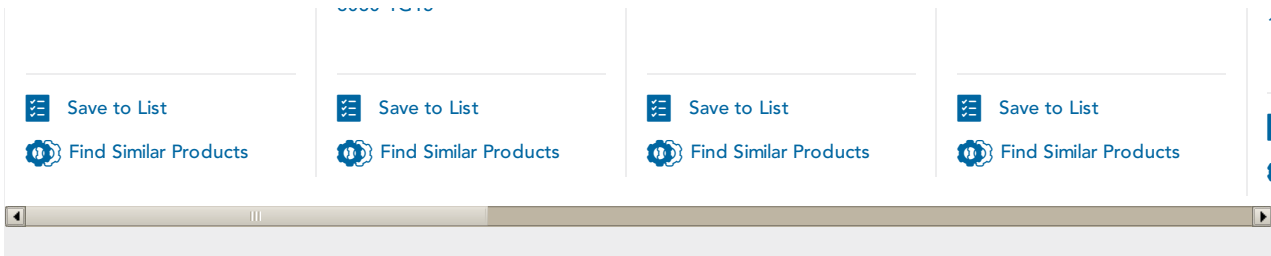
Product Type Features	Connector Style	Receptacle
	Shell Size	1
	Profile	Standard
	PCB Mounting Orientation	Right Angle
	Grounding Straps	With
	Shell Type	Front Metal Shell
	Footprint	8.08 mm [.318 in]
	Grounding Indents	Without
	Applies To	Printed Circuit Board
	Sealed	No
	Grounded	Yes
	Product Type	Connector
	Shielded	Yes
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
	Shell Plating Material	Tin
	Insert Material	Zinc
	Shell Material	Steel
	Eyelet Material	Brass
Post Size	.66 mm [.026 in]	
Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Contact Base Material	Phosphor Bronze
	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
Housing Features	Centerline	2.74 mm [.108 in]
	Housing Color	Black
	Housing Material	Thermoplastic
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	All receptacles are preloaded with size 20 DF posted socket contacts
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

SIGNAL RELAYS	TRANSISTOR SOCKETS	RIBBON CABLE CONNECTORS	PCB D-SUB CONNECTORS
 <p>JWD-172-5=REED RELAYS JWD-172-5</p>	 <p>8080-1G15=TRANSISTOR SOCKET AS 8080-1G15</p>	 <p>016 DIP PLUG 100CL TIN 746610-3</p>	 <p>09 RCPT SP/FMS STD 747150-2</p>





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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 I HDE (IDC) Insulation
**KIT, PLUG, 9P, HDE,
SHLD ENCLSR**
- 1-747944-6
TE INTERNAL NUMBER: 1-747944-6

✓ 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 I HDE (IDC) Insulation
PLUG ASSY, 9P, HDE, MS
- 2-745492-0
TE INTERNAL NUMBER: 2-745492-0
ALIAS ID: AMP-2-0745492-0, C71485-000

✓ 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

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PRODUCT - MATING PRODUCTS



Connectors - Solder D-Sub Connectors
AMPLIMITE I Solder Cup Connectors
**LF PLUG KIT, SIZE 1,
7.2MM - 1571650-4**
TE INTERNAL NUMBER: 1571650-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**
Number of Positions **9**
Contact Size **20**
Shell Size **1**



Enclosure **With**

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