

PCB D-SUB CONNECTORS





Product Drawings

TE CONNECTIVITY (TE) 09 MSFL RCPT RA 318 (IN,FM,BL) AMPLIMITE | Standard

RECEPTACLE ASSEMBLY, SIZE 1, RIGHT ANGLE, .318 SERIES, FRONT METAL

747844-4 TE Internal Number: 747844-4 Alias ID: 650-1042-01

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 $\ {\bf 2}$

Shell Size 1

Product Drawings	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
	PDF English
Product Specifications	
Product Specification	AMPLIMITE HD-20 PCB Mounted Connector

PDF English AMPLIMITE Right-Angle Front Metal Shell Connectors PDF English Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted PDF English

Product Environmental Compliance

TE Material Declaration

Application Specification

Qualification Test Report

MD_747844-4_05102014144_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.

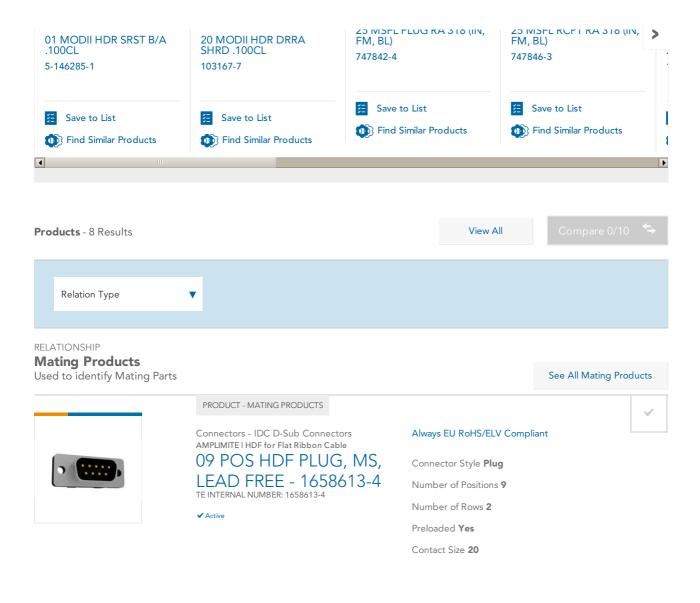
Product Type Features	Connector Style	Receptacle
	Shell Size	1
	Profile	Standard
	PCB Mounting Orientation	Right Angle
	Grounding Straps	With
	Shell Type	Front Metal Shell
	Footprint	8.08 mm [.318 in]
	Grounding Indents	Without
	Applies To	Printed Circuit Board
	Sealed	No
	Grounded	Yes
	Product Type	Connector
	Shielded	Yes
Configuration Features	Number of Positions	9
	Number of Rows	2
	Preloaded	Yes
Body Features	Plastic	No
	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]
	Post Size	.66 mm [.026 in]
Contact Features	Post Size Contact Shape	.66 mm [.026 in] Round
Contact Features		
Contact Features	Contact Shape	Round
Contact Features	Contact Shape Solder Tail Contact Plating Material	Round Tin-Lead over Nickel
Contact Features	Contact Shape Solder Tail Contact Plating Material Contact Base Material	Round Tin-Lead over Nickel Phosphor Bronze
Contact Features	Contact Shape Solder Tail Contact Plating Material Contact Base Material Contact Mating Area Plating Thickness (µin)	Round Tin-Lead over Nickel Phosphor Bronze 30
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Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Mating Connector Lock	With
	Mating Connector Lock Type	Threaded Insert, 4-40 UNC
	Panel Mount Retention	Without
	Boardlock Material	Copper Alloy
	Mounting Hole Diameter	3.18 mm [.125 in]
	Boardlock Plating Material	Tin-Lead
	Threaded Insert Material	Zinc
	Threaded Insert Plating Material	Clear Chromate
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	Тгау
	Packaging Quantity	130
Other	Comment	All receptacles are preloaded with size 20 DF posted socket contacts
Product Compliance	Statement of Compliance	

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT





RELATIONSHIP Mating Products Used to identify Mating Parts



RELATIONSHIP **Mating Products** Used to identify Mating Parts

See All Mating Products

See All Mating Products

PRODUCT - MATING PRODUCTS

Connectors - IDC D-Sub Connectors AMPLIMITE I HDE (IDC) Insulation

PLUG ASSY, 9P, HDE, MS - 1-745492-9 TE INTERNAL NUMBER: 1-745492-9

Always EU RoHS/ELV Compliant

Connector Style **Plug** Number of Positions **9**



 \checkmark

✓ Active

Number of Kows **2**

Preloaded **Yes**

Contact Size **20**