



PCB D-SUB CONNECTORS



TE CONNECTIVITY (TE) 09 MSFL RCPT RA 318 (IN,FM) [AMPLIMITE | Standard](#)

745781-4
TE Internal Number: 745781-4

[Not EU RoHS or ELV Compliant](#)
[Find Compliant Alternatives](#)

Connector Style **Receptacle**

Centerline (in) **.108**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[RCPT ASSY, SIZE 1, 9 POSN, RTANG, AMPLIMITE TM](#)
PDF
English

CAD Files

[3D PDF](#)
PDF
English

[Customer View Model](#)
2D_DXF.ZIP
English

[Customer View Model](#)
3D_IGS.ZIP
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[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

Product Environmental Compliance

TE Material Declaration [MD_745781-4_05282015435_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
Product Type	Connector	

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]

Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	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
Mating Connector Lock	With
Mating Connector Lock Type	Threaded Insert, 4-40 UNC
Panel Mount Retention	Without
Mating Retention	With
Mounting Hole Diameter	3.18 mm [.125 in]
Threaded Insert Material	Zinc
Threaded Insert Plating Material	Clear Chromate

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

Dimensions	PCB Thickness (Recommended)	2.36 mm [.093 in]
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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
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Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>02P UMNL HDR ASSY R/A 94VO 1-350942-0</p> <p> Save to List</p>	<p>BOARD-TO-BOARD JUMPERS & SHUNTS</p>  <p>AMP SHUNT LOW PROFI 2-881545-2</p> <p> Save to List</p>	<p>BACKPLANE GUIDE HARDWARE</p>  <p>UPM R/A KEYED GUIDE PIN 1469265-1</p> <p> Save to List</p>	<p>CHASSIS PANEL MOUNT RESISTORS</p>  <p>THS10 56R 5% PIN THS1056RJ</p> <p> Save to List</p>
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Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS



Connectors - IDC D-Sub Connectors
AMPLIMITE I HDF for Flat Ribbon Cable

9 POS HDF PLUG, MS - 5746862-4

TE INTERNAL NUMBER: 5746862-4

✓ 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

[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

✓ 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

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

09 HDE MS PLUG, 22-26, LEAD FREE - 1-745492-8

TE INTERNAL NUMBER: 1-745492-8

ALIAS ID: A18649-000, AMP-1-0745492-8

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**



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