



PCB D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

09 HTMSFL ASSY RA 318 (IN,BL)

[AMPLIMITE](#) | [Standard](#)

5788796-1

TE Internal Number: 5788796-1

[Always EU RoHS/ELV Compliant](#)

Connector Style **Receptacle**

Centerline (mm) **2.28**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Product Drawings

[RCPT ASSEMBLY, SIZE 1, .318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, 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

Catalog Pages/Data Sheets

[AMPLIMITE Subminiature D Connectors - Right-Angle Posted Connectors](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_5788796-1_06302014012_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 (in)	.026
Contact Features	Solder Tail Contact Plating Material	Tin over Nickel
	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	Surface Mount, Through Hole
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Mating Connector Lock	With
	Mating Connector Lock Type	Threaded Inserts
	Panel Mount Retention	Without

	Panel Mount Retention	Without
	Mating Retention Type	Threaded Inserts
	Boardlock Material	Copper Alloy
	Mating Retention	With
	PCB Mount Alignment	With
	Mounting Hole Diameter (mm)	.1
	Boardlock Plating Material	Tin
	Threaded Insert Material	Zinc
	Mating Alignment	With
	Threaded Insert Plating Material	Clear Chromate

Housing Features	Centerline (mm)	2.28
	Housing Color	Black
	Housing Material	Thermoplastic

Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
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Usage Conditions	High Temperature Housing	Yes
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Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Tray
	Packaging Quantity	130

Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

Products - 12 Results

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



Connectors - IDC D-Sub Connectors
AMPLIMITE I Standard

HD-20 PLUG RA .318
FMS BD-LK 4 - 5747840-4

TE INTERNAL NUMBER: 5747840-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2.74 mm**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

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

09 HDE MS PLUG, 26-30,
LEAD FREE - 1-745492-7

TE INTERNAL NUMBER: 1-745492-7

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**