



PCB D-SUB CONNECTORS



✓ Active

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English

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TE CONNECTIVITY (TE)

09 PLUG SP/FMS SCRLK

AMPLIMITE | FSM , SP

1-5747871-3

TE Internal Number: 1-5747871-3

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline (in) **.108**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Product Drawings

[PLUG ASSEMBLY, SIZE 1, 9 POS, VERTICAL, FRONT SHELL, AMPLIMITE HDP](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

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

3D_STP.ZIP
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[3D PDF](#)

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Catalog Pages/Data Sheets

[AMPLIMITE Subminiature D Connectors - Straight Posted Connectors](#)

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English

Product Specifications

Product Specification

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

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Application Specification

[AMPLIMITE HD-20 Straight Solder Contact Tine, Front Metal Shell, PC Board And Panel Mount Connectors](#)

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English

Qualification Test Report

[Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted](#)

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	Plug
	Shell Size	1
	Profile	Standard
	PCB Mounting Orientation	Vertical
	Grounding Straps	Without
	Shell Type	Front Metal Shell
	Grounding Indents	With
	Applies To	Printed Circuit Board
	Sealed	No
	Grounded	Yes
Product Type	Connector	
<hr/>		
Configuration Features	Number of Positions	9
	Number of Rows	2
	Preloaded	Yes
<hr/>		
Body Features	Plastic	No
	Female Screwlock Material	Zinc
	Color Code	None
	Shell Plating Material	Tin
	Shell Material	Steel
	Post Size	.66 mm [.026 in]
<hr/>		
Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Brass
	Contact Mating Area Plating Material	Gold Flash
<hr/>		
Termination Features	Termination Post Length	3.18 mm [.125 in]
	Grounding Clips	Without
<hr/>		
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	Female Screwlocks, Fixed

	Panel Mount Retention	Without
	Mounting Hole Diameter	3.05 mm [.12 in]
Housing Features	Centerline (in)	.108
	Housing Color	Black
	Housing Material	Thermoplastic
Dimensions	PCB Thickness (Recommended)	1.57 – 2.36 mm [.062 – .093 in]
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	UL E28476
Packaging Features	Packaging Method	Tube
	Packaging Quantity	17
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

<p>PCB D-SUB CONNECTORS</p>  <p>15 RCPT SP/FMS SCRLK 1-5747299-6</p> <p>Save to List Find Similar Products</p>	<p>FUSION TAPE</p>  <p>FUSION TAPE, 1" X .020" X 10FT 605262-1</p> <p>Save to List Find Similar Products</p>	<p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>08 MODII HDR SRST SHRD .100CL 103414-6</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>09P UMNL HDR ASSY PC NATL LF 350586-4</p> <p>Save to List Find Similar Products</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 HDE (IDC) Insulation

**KIT, RCPT, 9P, HDE,
SHLD ENCLSR**
- 1-747943-7

TE INTERNAL NUMBER: 1-747943-7

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

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 - Solder D-Sub Connectors
AMPLIMITE I 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**

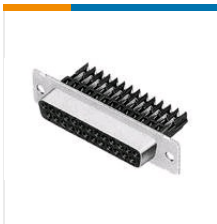


RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS

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

**09 HDE MS RCPT, 22-26,
LEAD FREE - 1-745491-8**

TE INTERNAL NUMBER: 1-745491-8

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**

