



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) 09 RCPT SP/FMS SCRLK

AMPLIMITE | SP , Standard

1-5747150-3
TE Internal Number: 1-5747150-3
Alias ID: 1367704

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.108**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Product Drawings

RECEPTACLE ASSEMBLY, SIZE 1, 9 POSITION FRONT METAL SHELL, WITH OR WITHOUT SCREWLOCKS OR INSERTS,

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 - Straight Posted Connectors

PDF
English

Product Specifications

Product Specification

AMPLIMITE HD-20 PCB Mounted Connector

PDF
English

Application Specification

AMPLIMITE HD-20 Straight Solder Contact Tine, Front Metal Shell, PC Board And Panel Mount Connectors

PDF
English

Qualification Test Report

Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted

PDF
English

Product Environmental Compliance

TE Material Declaration

MD_1-5747150-3_12202013614_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	Vertical
	Grounding Straps	Without
	Shell Type	Front Metal Shell
	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
	Female Screwlock Material	Zinc
	Color Code	None
	Shell Plating Material	Tin
	Insert Material	Brass
	Shell Material	Carbon Steel
	Post Size	.66 mm [.026 in]

Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin 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	Mounting Holes
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	Polyester

Dimensions	PCB Thickness (Recommended)	1.57 – 2.36 mm [.062 – .093 in]
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Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Tube
	Packaging Quantity	17

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](#)

Products - 5 Results

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Relation Type

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 PLUG KIT, SIZE 1,
9.5MM - 1571650-5**
TE INTERNAL NUMBER: 1571650-5

Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **9**

Contact Size **20**

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 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

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

**KIT, PLUG, 9P, HDE,
SHLD ENCLSRE
- 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**

