



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) 15 RCPT SP/FMS BRDLK

AMPLIMITE | SP , Standard

2-5747707-0
TE Internal Number: 2-5747707-0

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.108**

Number of Positions **15**

Number of Rows **2**

Shell Size **2**

Product Drawings

RECEPTACLE ASSEMBLY, SIZE 2, 15 POS, VERTICAL, FRONT METAL SHELL, AMPLIMITE HD-20

PDF (TIFF AVAILABLE)
English

RECEPTACLE ASSEMBLY, SIZE 2, 15 POS, VERTICAL, FRONT METAL SHELL, AMPLIMITE HD-20

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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_2-5747707-0_092220132327_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	2
	Profile	Standard
	PCB Mounting Orientation	Vertical
	Grounding Straps	Without
	Shell Type	Front Metal Shell
	Grounding Indents	Without
	Applies To	Printed Circuit Board
	Sealed	No
	Grounded	No
	Product Type	Connector
	Shielded	Yes

Configuration Features	Number of Positions	15
	Number of Rows	2
	Preloaded	Yes

Body Features	Plastic	No
	Color Code	None
	Shield Plating Material	Tin
	Shell Plating Material	Tin
	Insert Material	Brass
	Shell Material	Carbon Steel
	Post Size	.66 mm [.026 in]
	Shield Material	Steel

Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin over Copper
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30

Contact Mating Area Plating Material **Gold**

Solder Tail Contact Plating Finish **Bright**

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 **4-40 Retention Insert**

Mating Connector Lock **Without**

Panel Mount Retention **Without**

Boardlock Material **Brass**

Mounting Hole Diameter **3.07 mm [.121 in]**

Boardlock Plating Material **Tin over Copper**

Housing Features

Centerline (in) **.108**

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 **Tube**

Packaging Quantity **13**

Other

Comment **All receptacles are preloaded with size 20 DF posted socket contacts**

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - IDC D-Sub Connectors AMPLIMITE I HDE (IDC) Insulation</p> <p>KIT, PLUG, 15P, HDE, SHLD HDWRE - 747531-7</p> <p>TE INTERNAL NUMBER: 747531-7</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Style Plug</p> <p>Shielded Yes</p> <p>Centerline 1.38 mm</p> <p>Number of Positions 15</p> <p>Number of Rows 2</p>	<input checked="" type="checkbox"/>
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

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	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - IDC D-Sub Connectors AMPLIMITE I HDE (IDC) Insulation</p> <p>KIT, PLUG, 15P, HDE, SHLD ENCLSRE - 1-747946-5</p> <p>TE INTERNAL NUMBER: 1-747946-5</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Style Plug</p> <p>Shielded Yes</p> <p>Number of Positions 15</p> <p>Number of Rows 2</p> <p>Preloaded Yes</p>	<input checked="" type="checkbox"/>
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

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	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - IDC D-Sub Connectors AMPLIMITE I HDE (IDC) Insulation</p>	<p>Always EU RoHS/ELV Compliant</p>	<input checked="" type="checkbox"/>
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15 HDE MS PLUG, 22-26, LEAD FREE - 1-745494-5

TE INTERNAL NUMBER: 1-745494-5
ALIAS ID: 2-42932-9181, AMP-1-0745494-5, D82690-000

✓ Active

Connector Style **Plug**

Number of Positions **15**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**