

## PCB D-SUB CONNECTORS



✓ Active

### PRODUCT DRAWING

English

#### TE CONNECTIVITY (TE) 15 PLUG SP/MS STD AMPLIMITE | SP , STS

745411-1

TE Internal Number: 745411-1

5 of 6 EU RoHS/ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Plug**

Centerline (in) **.108**

Number of Positions **15**

Number of Rows **2**

Shell Size **2**

### Product Drawings

#### PLUG ASSEMBLY, SIZE 2, 15 POS, VERTICAL, W/ GROUNDING INDENTS, AMPLIMITE

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

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English

Qualification Test Report

#### Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted

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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

**2**

Profile

**Standard**

PCB Mounting Orientation

**Vertical**

Grounding Straps

**Without**

Shell Type

**Full Metal Shell**

Grounding Indents

**With**

Applies To

**Printed Circuit Board**

Sealed

**No**

Grounded	<b>Yes</b>
Product Type	<b>Connector</b>
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Configuration Features	Number of Positions
	<b>15</b>
	Number of Rows
	<b>2</b>
	Preloaded
	<b>Yes</b>
<hr/>	
Body Features	Plastic
	<b>No</b>
	Color Code
	<b>None</b>
	Shell Plating Material
	<b>Tin</b>
	Insert Material
	<b>Thermoplastic</b>
	Shell Material
	<b>Steel</b>
	Post Size
	<b>.64 mm [.025 in]</b>
<hr/>	
Contact Features	Contact Shape
	<b>Square</b>
	Solder Tail Contact Plating Material
	<b>Tin-Lead over Nickel</b>
	Contact Base Material
	<b>Brass</b>
	Contact Mating Area Plating Thickness (µin)
	<b>30</b>
	Contact Mating Area Plating Material
	<b>Gold Flash over Palladium Nickel, Gold</b>
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Termination Features	Termination Post Length
	<b>3.18 mm [.125 in]</b>
	Grounding Clips
	<b>Without</b>
<hr/>	
Mechanical Attachment	PCB Mounting Style
	<b>Through Hole</b>
	PCB Mount Retention
	<b>With</b>
	PCB Mount Retention Type
	<b>Mounting Holes</b>
	Mating Connector Lock
	<b>Without</b>
	Panel Mount Retention
	<b>Without</b>
	Mounting Hole Diameter
	<b>3.05 mm [.12 in]</b>
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Housing Features	Centerline (in)
	<b>.108</b>
	Housing Color
	<b>Black</b>
	Housing Material
	<b>Nylon GF, PBT GF</b>
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Dimensions	PCB Thickness (Recommended)
	<b>1.57 – 2.36 mm [.062 – .093 in]</b>
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Industry Standards	Insert Flammability Rating
	<b>UL 94V-0</b>

UL Flammability Rating

**UL 94V-0**

Approved Standards

**UL E28476**

Packaging Features

Packaging Method

**Tube**

Packaging Quantity

**13**

Other

Comment

**Plugs are preloaded with size 20 DF posted pin contacts**

Product Compliance

**Statement of Compliance**

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)