



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](#)

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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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Qualification Test Report

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

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

Safety Standards	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	