



PCB D-SUB CONNECTORS



TE CONNECTIVITY (TE) 09 PLUG SP/MS STD AMPLIMITE | SP , STS

745410-1
TE Internal Number: 745410-1

5 of 6 EU RoHS/ELV Compliant
[Find Compliant Alternatives](#)

Connector Style **Plug**

Centerline (in) **.108**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[PLUG ASSEMBLY, SIZE 1, 9 POSN, VERTICAL, .025 SQ. POSTS, W/ GROUNDING INDENTS, AMPLIMITE HDP](#)

PDF (TIFF AVAILABLE)
English

[PLUG ASSEMBLY, SIZE 1, 9 POSN, VERTICAL, .025 SQ. POSTS, W/ GROUNDING INDENTS, AMPLIMITE HDP](#)

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CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

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3D_IGS.ZIP
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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_745410-1_121720142333_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	Plug
	Shell Size	1
	Profile	High
	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	9
	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
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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	Thermoplastic

Dimensions	PCB Thickness (Recommended)	1.57 – 2.36 mm [.062 – .093 in]
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Industry Standards	Insert Flammability Rating	UL 94V-0
	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
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Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

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