

PCB D-SUB CONNECTORS





✓ Active



PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE)
09 PLUG SP/FMS INSRT

AMPLIMITE | FSM , SP

747871-8

TE Internal Number: 747871-8 Alias ID: 406566315

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

Product Drawings PLUG ASSEMBLY, SIZE 1, 9 POS, VERTICAL, FRONT SHELL, AMPLIMITE HDP

PDF **English**

CAD Files 3D PDF

PDF **English**

Customer View Model

2D_DXF.ZIP English

Customer View Model

3D_IGS.ZIP English

Customer View Model

3D_STP.ZIP **English**

Product Specifications

Qualification Test Report

Product Specification AMPLIMITE HD-20 PCB Mounted Connector

PDF **English**

Application Specification AMPLIMITE HD-20

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

Panel Mount Connectors

English

Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted

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

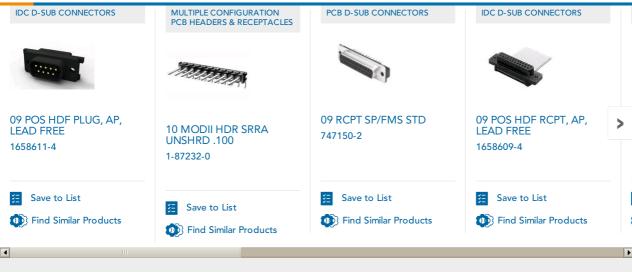
Shell Size 1

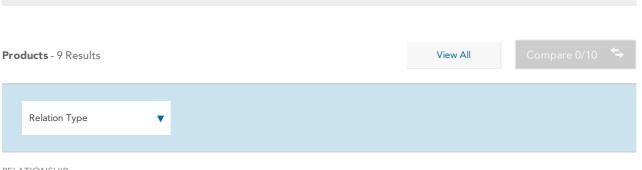
	Profile	Standard
	PCB Mounting Orientation	Vertical
	Grounding Straps	Without
	Shell Type	Front Metal Shell
	Grounding Indents	With
	Applies To	Printed Circuit Board
	Sealed	No
	Product Type	Connector
Configuration Features	Number of Positions	9
	Number of Rows	2
	Preloaded	Yes
Body Features	Plastic	No
	Color Code	None
	Shell Plating Material	Tin
	Insert Material	Brass
	Shell Material	Carbon Steel
	Post Size	.66 mm [.026 in]
Contact Features	Post Size Contact Shape	.66 mm [.026 in]
Contact Features		
Contact Features	Contact Shape	Round
Contact Features	Contact Shape Solder Tail Contact Plating Material	Round Tin over Nickel, Tin-Lead over Nickel
Contact Features	Contact Shape Solder Tail Contact Plating Material Contact Base Material	Round Tin over Nickel, Tin-Lead over Nickel Brass
Contact Features Termination Features	Contact Shape Solder Tail Contact Plating Material Contact Base Material Contact Mating Area Plating Thickness (µin)	Round Tin over Nickel, Tin-Lead over Nickel Brass
	Contact Shape Solder Tail Contact Plating Material Contact Base Material Contact Mating Area Plating Thickness (µin) Contact Mating Area Plating Material	Round Tin over Nickel, Tin-Lead over Nickel Brass 30 Gold Flash over Palladium Nickel, Gold
	Contact Shape Solder Tail Contact Plating Material Contact Base Material Contact Mating Area Plating Thickness (µin) Contact Mating Area Plating Material Termination Post Length	Round Tin over Nickel, Tin-Lead over Nickel Brass 30 Gold Flash over Palladium Nickel, Gold 3.18 mm [.125 in]
Termination Features	Contact Shape Solder Tail Contact Plating Material Contact Base Material Contact Mating Area Plating Thickness (µin) Contact Mating Area Plating Material Termination Post Length Grounding Clips	Round Tin over Nickel, Tin-Lead over Nickel Brass 30 Gold Flash over Palladium Nickel, Gold 3.18 mm [.125 in] Without
Termination Features	Contact Shape Solder Tail Contact Plating Material Contact Base Material Contact Mating Area Plating Thickness (µin) Contact Mating Area Plating Material Termination Post Length Grounding Clips PCB Mounting Style	Round Tin over Nickel, Tin-Lead over Nickel Brass 30 Gold Flash over Palladium Nickel, Gold 3.18 mm [.125 in] Without Through Hole
Termination Features	Contact Shape Solder Tail Contact Plating Material Contact Base Material Contact Mating Area Plating Thickness (µin) Contact Mating Area Plating Material Termination Post Length Grounding Clips PCB Mounting Style PCB Mount Retention	Round Tin over Nickel, Tin-Lead over Nickel Brass 30 Gold Flash over Palladium Nickel, Gold 3.18 mm [.125 in] Without Through Hole With
Termination Features	Contact Shape Solder Tail Contact Plating Material Contact Base Material Contact Mating Area Plating Thickness (µin) Contact Mating Area Plating Material Termination Post Length Grounding Clips PCB Mounting Style PCB Mount Retention PCB Mount Retention Type	Round Tin over Nickel, Tin-Lead over Nickel Brass 30 Gold Flash over Palladium Nickel, Gold 3.18 mm [.125 in] Without Through Hole With Mounting Holes
Termination Features	Contact Shape Solder Tail Contact Plating Material Contact Base Material Contact Mating Area Plating Thickness (µin) Contact Mating Area Plating Material Termination Post Length Grounding Clips PCB Mounting Style PCB Mount Retention PCB Mount Retention Type Mating Connector Lock	Round Tin over Nickel, Tin-Lead over Nickel Brass 30 Gold Flash over Palladium Nickel, Gold 3.18 mm [.125 in] Without Through Hole With Mounting Holes With

	Threaded Insert Material	Brass
Housing Features	Centerline (in)	.108
	Housing Color	Black
	Housing Material	Thermoplastic
Dimensions	PCB Thickness (Recommended)	1.57 – 2.36 mm [.062 – .093 in]
Industry Standards	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
Product Compliance	Statement of Compliance	

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT







PRODUCT - MATING PRODUCTS

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

09 HDE MS RCPT, 22-26, LEAD FREE - 1-745491-7 TE INTERNAL NUMBER: 1-745491-7 ALIAS ID: AMP-1-0745491-7, E48286-000

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

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 | HDE (IDC) Insulation

KIT, RCPT, 9P, HDE, SHLD ENCLSRE - 1-747943-6

TE INTERNAL NUMBER: 1-747943-6

✓ Active

Always EU RoHS/ELV Compliant

Connector Style Receptacle

Shielded **Yes**

Number of Positions 9

Number of Rows 2

Preloaded Yes



Mating Products

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

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

09 HDE PMOLD RCPT, LEAD FREE - 747516-7

TE INTERNAL NUMBER: 747516-7

✓ Active

Always EU RoHS/ELV Compliant

Connector Style Receptacle

Shielded **Yes**

Centerline 1.38 mm

Number of Positions 9

Number of Rows 2



 \checkmark

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