

PCB D-SUB CONNECTORS





✓ Active



PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE)

HD-20 PLUG 9P RA 590 THD INS

AMPLIMITE | Standard , THS

5747467-4

TE Internal Number: 5747467-4

Always EU RoHS/ELV Compliant

Connector Style Plug

Centerline (in) .108

Number of Positions 9

Number of Rows 2

Shell Size 1

Product Drawings

PLUG ASSY, SIZE 1, 9 POSN, RIGHT ANGLE, .590 SERIES, .026 DIA POSTS,

AMPLIMITE HD-20

PDF **English**

CAD Files

Customer View Model

2D_DXF.ZIP **English**

3D PDF

3D

Customer View Model

3D_IGS.ZIP **English**

Customer View Model

3D_STP.ZIP English

Catalog Pages/Data Sheets

AMPLIMITE Subminiature D Connectors - Right-Angle Posted Connectors

PDF **English**

Product Environmental Compliance

TE Material Declaration

MD_5747467-4_04142014942_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

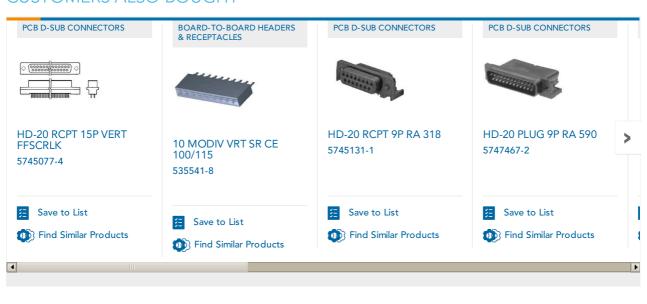
1

	Profile	Standard
	PCB Mounting Orientation	Right Angle
	Grounding Straps	Without
	Shell Type	All Plastic
	Footprint	14.99 mm [.59 in]
	Grounding Indents	Without
	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	Yes
	Color Code	None
	Insert Material	Zinc
	Post Size	.66 mm [.026 in]
Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Brass
	Contact Matines Association - This language (view	30
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	Gold
Termination Features		
Termination Features	Contact Mating Area Plating Material	Gold
Termination Features Mechanical Attachment	Contact Mating Area Plating Material Termination Post Length	Gold 3.18 mm [.125 in]
	Contact Mating Area Plating Material Termination Post Length Grounding Clips	Gold 3.18 mm [.125 in] Without
	Contact Mating Area Plating Material Termination Post Length Grounding Clips PCB Mounting Style	Gold 3.18 mm [.125 in] Without Through Hole
	Contact Mating Area Plating Material Termination Post Length Grounding Clips PCB Mounting Style PCB Mount Retention	Gold 3.18 mm [.125 in] Without Through Hole With
	Contact Mating Area Plating Material Termination Post Length Grounding Clips PCB Mounting Style PCB Mount Retention PCB Mount Retention Type	Gold 3.18 mm [.125 in] Without Through Hole With Mounting Holes
	Contact Mating Area Plating Material Termination Post Length Grounding Clips PCB Mounting Style PCB Mount Retention PCB Mount Retention Type Mating Connector Lock	Gold 3.18 mm [.125 in] Without Through Hole With Mounting Holes With
	Contact Mating Area Plating Material Termination Post Length Grounding Clips PCB Mounting Style PCB Mount Retention PCB Mount Retention Type Mating Connector Lock Mating Connector Lock Type	Gold 3.18 mm [.125 in] Without Through Hole With Mounting Holes With Threaded Inserts
	Contact Mating Area Plating Material Termination Post Length Grounding Clips PCB Mounting Style PCB Mount Retention PCB Mount Retention Type Mating Connector Lock Mating Connector Lock Type Panel Mount Retention	Gold 3.18 mm [.125 in] Without Through Hole With Mounting Holes With Threaded Inserts Without

Housing Features	Centerline (in)	.108
	Housing Color	Black
	Housing Material	Nylon GF, Polyester GF
Dimensions	PCB Thickness (Recommended)	2.36 mm [.093 in]
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Package
	Packaging Quantity	140
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 I HDF for Flat Ribbon Cable

09 POS HDF RCPT, AP, LEAD FREE - 1658614-4
TE INTERNAL NUMBER: 1658614-4

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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 I HDF for Flat Ribbon Cable

09 POS HDF RCPT, AP, LEAD FREE - 1658609-4 TE INTERNAL NUMBER: 1658609-4

✓ Active

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

09 HDE AP RECEPT, LEAD FREE - 745201-7

✓ Active

Always EU RoHS/ELV Compliant

Connector Style Receptacle

Number of Positions 9

Number of Rows 2

Preloaded Yes

Contact Size 20



