+ **CONNECTORS**

PCB D-SUB CONNECTORS

TE CONNECTIVITY (TE)

HD-20 PLUG 9P RA 590 THD INS

AMPLIMITE | Standard , THS

5747467-4
TE Internal Number: 5747467-4

✔ Active

Always EU RoHS/ELV Compliant

Connector Style	**Plug**
Centerline (in)	**.108**
Number of Positions	**9**
Number of Rows	**2**
Shell Size	**1**

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

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
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 Mating Area Plating Thickness (µin)	**30**
	Contact Mating Area Plating Material	**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	**With**
	Mating Connector Lock Type	**Threaded Inserts**
	Panel Mount Retention	**Without**
	Mounting Hole Diameter	**3.18 mm [.125 in]**
	Threaded Insert Material	**Zinc**
	Threaded Insert Plating Material	**Clear Chromate**

	Threaded Insert Plating Material	**Clear Chromate**
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
PDF

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

PCB D-SUB CONNECTORS	BOARD-TO-BOARD HEADERS & RECEPTACLES	PCB D-SUB CONNECTORS	PCB D-SUB CONNECTORS
HD-20 RCPT 15P VERT FFSCRLK	10 MODIV VRT SR CE 100/115	HD-20 RCPT 9P RA 318	HD-20 PLUG 9P RA 590
5745077-4	535541-8	5745131-1	5747467-2
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Products - 3 Results

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Relation Type ▼

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

Connectors - IDC D-Sub Connectors
AMPLIMITE | HDF for Flat Ribbon Cable

09 POS HDF RCPT, AP, LEAD FREE - 1658614-4

TE INTERNAL NUMBER: 1658614-4

✔ 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

Connectors - IDC D-Sub Connectors
AMPLIMITE | 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

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

09 HDE AP RECEPT, LEAD FREE - 745201-7

TE INTERNAL NUMBER: 745201-7

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**