+ CONNECTORS

PCB D-SUB CONNECTORS

✔ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

09 PLUG SP/AP SCRLK

AMPLIMITE | AP , SP

745071-4
TE Internal Number: 745071-4
Alias ID: 1218365

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 POSN, VERTICAL, AMPLIMITE HD-20
PDF **(TIFF AVAILABLE)**
English

PLUG ASSEMBLY, SIZE 1, 9 POSN, VERTICAL, AMPLIMITE HD-20
PDF **(TIFF AVAILABLE)**
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

3D PDF
PDF
English

Product Environmental Compliance

TE Material Declaration

MD_745071-4_12122015150_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	**Vertical**	
Grounding Straps	**Without**	
Shell Type	**All Plastic**	
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**
	Female Screwlock Material	**Brass**
	Female Screwlock Plating Material	**Nickel over Copper Flash**
	Color Code	**None**
	Post Size	**.66 mm [.026 in]**

Contact Features	Contact Shape	**Round**
	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	**4.32 mm [.17 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	**Female Screwlocks, Fixed**
	Panel Mount Retention	**Without**
	Mounting Hole Diameter	**3.05 mm [.12 in]**

Housing Features	Centerline (in)	**.108**
	Housing Color	**Black**

	Housing Color	**Black**
	Housing Material	**Polyester**

Dimensions	PCB Thickness (Recommended)	**2.36 – 3.18 mm [.093 – .125 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
	PDF

VIEW ALL PRODUCT COMPLIANCE

Products - 3 Results

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Relation Type ▼

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - 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

PRODUCT - MATING PRODUCTS

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

Always EU RoHS/ELV Compliant

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

✔ Active

Connector Style **Receptacle**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**

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
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**