+ CONNECTORS

PCB D-SUB CONNECTORS

TE CONNECTIVITY (TE)

09 MSFL RCPT RA 318 (SL,FM,BL)

AMPLIMITE | SL , Standard

5747844-6
TE Internal Number: 5747844-6
Alias ID: 1033323, 1352649, 1363572, 1367706

Always EU RoHS/ELV Compliant

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

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

Product Drawings

RECEPTACLE ASSEMBLY, SIZE 1, RIGHT ANGLE, .318 SERIES, FRONT METAL SHELL, .026 DIA POSTS, BOARDLOCKS, AMPLIMITE HD-20
PDF
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

Catalog Pages/Data Sheets

AMPLIMITE Subminiature D Connectors - Right-Angle Posted Connectors
PDF
English

Product Environmental Compliance

TE Material Declaration

MD_5747844-6_121920131123_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		**Receptacle**
Shell Size		**1**

	Profile	**Standard**
	PCB Mounting Orientation	**Right Angle**
	Grounding Straps	**With**
	Shell Type	**Front Metal Shell**
	Footprint	**8.08 mm [.318 in]**
	Grounding Indents	**Without**
	Applies To	**Printed Circuit Board**
	Sealed	**No**
	Grounded	**No**
	Product Type	**Connector**

Configuration Features	Number of Positions	**9**
	Number of Rows	**2**
	Preloaded	**Yes**

Body Features	Plastic	**No**
	Female Screwlock Material	**Zinc**
	Female Screwlock Plating Material	**Clear Chromate**
	Color Code	**None**
	Eyelet Plating Material	**Tin**
	Shell Plating Material	**Tin**
	Insert Material	**Zinc**
	Shell Material	**Steel**
	Eyelet Material	**Brass**
	Post Size	**.66 mm [.026 in]**

Contact Features	Contact Shape	**Round**
	Solder Tail Contact Plating Material	**Tin**
	Contact Base Material	**Phosphor Bronze**
	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	With
	PCB Mount Retention Type	**Boardlocks**
	Mating Connector Lock	**With**
	Mating Connector Lock Type	**Female Screwlocks, Fixed**
	Panel Mount Retention	**Without**
	Mating Retention Type	**Screw**
	Boardlock Material	**Copper Alloy**
	Mating Retention	**With**
	PCB Mount Alignment	**With**
	Mounting Hole Diameter	**3.18 mm [.125 in]**
	Boardlock Plating Material	**Tin**

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

Dimensions	PCB Thickness (Recommended)	**1.58 mm [.062 in]**

Industry Standards	UL Flammability Rating	**UL 94V-0**

Packaging Features	Packaging Method	**Tray**
	Packaging Quantity	**130**

Other	Comment	**All receptacles are preloaded with size 20 DF posted socket contacts**

Product Compliance

Statement of Compliance
PDF

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

PCB D-SUB CONNECTORS	RIBBON CABLE CONNECTORS	RECTANGULAR POWER CONNECTORS	PUSHBUTTON SWITCHES
HD-22 RCPT 62P RA 30 DPLX BDLK	A/L LOW PRO HDR 10P RA BLACK	08P MICRO MNL ASSY R/A HDR LF	TP11CGPC004
5748394-5	5103310-1	3-794618-8	1825095-1
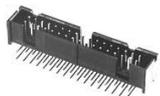
Products - 12 Results

View All

Compare 0/10

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 PLUG, MS, LEAD FREE - 1658608-4
TE INTERNAL NUMBER: 1658608-4

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

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 - PCB D-Sub Connectors
AMPLIMITE | Standard
HD-20 PLUG RA .318 FMS BD-LK 4 - 5747840-3
TE INTERNAL NUMBER: 5747840-3

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2.74 mm**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

Connectors - PCB D-Sub Connectors
AMPLIMITE | Standard
HD-20 PLUG RA .318 FMS BD-LK 4 - 5747840-4
TE INTERNAL NUMBER: 5747840-4

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2.74 mm**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**