+ CONNECTORS

PCB D-SUB CONNECTORS

✔ Active

TE CONNECTIVITY (TE)

25 MSFL PLUG RA 318 (IN,FM)

AMPLIMITE

5747238-4
TE Internal Number: 5747238-4

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline (in) **.109**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

↓ PRODUCT DRAWING
English

↓ 3D PDF

Product Drawings	PLUG ASSEMBLY, SIZE 3, 25 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, 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_5747238-4_12202013547_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	**3**

	Profile	**Standard**
	PCB Mounting Orientation	**Right Angle**
	Grounding Straps	**With**
	Shell Type	**Front Metal Shell**
	Footprint	**8.08 mm [.318 in]**
	Grounding Indents	**With**
	Applies To	**Printed Circuit Board**
	Sealed	**No**
	Product Type	**Connector**

Configuration Features	Number of Positions	**25**
	Number of Rows	**2**
	Preloaded	**Yes**

Body Features	Plastic	**No**
	Color Code	**None**
	Eyelet Plating Material	**Tin**
	Shell Plating Material	**Tin over Copper**
	Shell Material	**Carbon Steel**
	Eyelet Material	**Brass**
	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 Insert, 4-40 UNC**
	Panel Mount Retention	**Without**

	Panel Mount Retention	Without
	Mounting Hole Diameter	3.18 mm [.125 in]
	Threaded Insert Material	Zinc
	Threaded Insert Plating Material	Clear Chromate

Housing Features	Centerline (in)	.109
	Housing Color	Black
	Housing Material	Nylon, Polyester

Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]

Industry Standards	UL Flammability Rating	UL 94V-0

Packaging Features	Packaging Method	Tray
	Packaging Quantity	65

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	IDC D-SUB CONNECTORS	PCB D-SUB CONNECTORS	STANDARD POWER RELAYS
25 PLUG SP/FMS SCRLK	PLUG ASSY, 14 POSN, SCR LK, L PF	25 MSFL RCPT RA 318 (IN, FM)	V23092-A1048-A301
1-5745968-4	553596-1	5745783-3	V23092A1048A301
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Mating Products
Used to identify Mating Parts

PRODUCT - MATING PRODUCTS

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

25 POS HDF RCPT, MS, LEAD FREE - 1658610-2
TE INTERNAL NUMBER: 1658610-2

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**

Mating Products
Used to identify Mating Parts

PRODUCT - MATING PRODUCTS

Connectors - PCB D-Sub Connectors
AMPLIMITE | SL, Standard

25 MSFL RCPT RA 318 (SL, FM) - 5745783-6
TE INTERNAL NUMBER: 5745783-6

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

Contact Shape **Round**

Mating Products
Used to identify Mating Parts

PRODUCT - MATING PRODUCTS

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

25 POS HDF RCPT, MS, LEAD FREE - 1658612-2
TE INTERNAL NUMBER: 1658612-2

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**