



PCB D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

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

AMPLIMITE | SL , Standard

5747846-6

TE Internal Number: 5747846-6

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.109**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

Product Drawings

RECEPTACLE ASSEMBLY, SIZE 3, 25 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, .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 Specifications

Product Specification

AMPLIMITE HD-20 PCB Mounted Connector

PDF
English

Application Specification

AMPLIMITE Right-Angle Front Metal Shell Connectors

PDF
English

Product Environmental Compliance

TE Material Declaration

MD_5747846-6_0308201686_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	3
	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	25
	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	Carbon 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 Type	Boardlocks
	Mating Connector Lock	With
	Mating Connector Lock Type	Female Screwlocks, Fixed
	Panel Mount Retention	Without
	Mating Retention Type	Screw
	Boardlock Material	Brass
	Mating Retention	With
	PCB Mount Alignment	With
	Mounting Hole Diameter	3.18 mm [.125 in]
	Boardlock Plating Material	Tin over Nickel
Housing Features	Centerline (in)	.109
	Housing Color	Black
	Housing Material	Thermoplastic
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	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	THROUGH-HOLE RESISTORS	RJ25 CONNECTORS	SURFACE MOUNT RESISTORS

09 HTMSFL ASSY RA 318 (IN, BL) 5788796-1	H8 4K42 0.1% 15PPM H84K42BYA	MJ, R/A, FLANGE, 6P 5520242-3	CRG1206 1% 22R CRG1206F22R
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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)


PRODUCT - MATING PRODUCTS		
	<p>Connectors - IDC D-Sub Connectors AMPLIMITE I HDF for Flat Ribbon Cable</p> <p>25 POS HDF PLUG, MS, LEAD FREE - 1658613-2</p> <p>TE INTERNAL NUMBER: 1658613-2 ALIAS ID: 1067816</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Style Plug</p> <p>Number of Positions 25</p> <p>Number of Rows 2</p> <p>Preloaded Yes</p> <p>Contact Size 20</p>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)


PRODUCT - MATING PRODUCTS		
	<p>Connectors - IDC D-Sub Connectors AMPLIMITE I HDE (IDC) Insulation</p> <p>PLUG ASSY, 25P, HDE, MS - 1-745496-9</p> <p>TE INTERNAL NUMBER: 1-745496-9</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Style Plug</p> <p>Centerline 1.38 mm</p> <p>Number of Positions 25</p> <p>Number of Rows 2</p> <p>Preloaded Yes</p>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		
	<p>Connectors - IDC D-Sub Connectors AMPLIMITE I HDE (IDC) Insulation</p>	<p>Always EU RoHS/ELV Compliant</p>



KIT, PLUG, 25P, HDE, SHLD ENCLSRE - 1-747948-6

TE INTERNAL NUMBER: 1-747948-6

✓ Active

Connector Style **Plug**

Shielded **Yes**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**