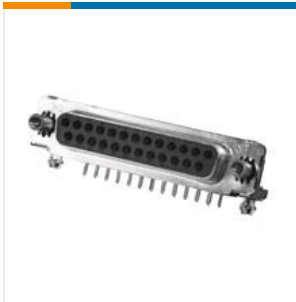




PCB D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

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

AMPLIMITE | SL , Standard

747845-6

TE Internal Number: 747845-6

Alias ID: 27-01517-00

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Receptacle**

Centerline **2.74 mm [.108 in]**

Number of Positions **15**

Number of Rows **2**

Shell Size **2**

Product Drawings

[RECEPTACLE ASSEMBLY, SIZE 2, 15 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
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3D_STP.ZIP
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[3D PDF](#)

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Product Specifications

Product Specification

[AMPLIMITE HD-20 PCB Mounted Connector](#)

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Application Specification

[AMPLIMITE Right-Angle Front Metal Shell Connectors](#)

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Qualification Test Report

[Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted](#)

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English

Product Environmental Compliance

TE Material Declaration



[MD_747845-6_05102014145_dmtec](#)

PDF
English

Product Type Features	Connector Style	Receptacle
	Shell Size	2
	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	Yes
	Product Type	Connector
	Shielded	Yes
Configuration Features	Number of Positions	15
	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-Lead over Nickel
	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	Threaded Insert, 4-40 UNC
	Panel Mount Retention	Without
	Boardlock Material	Copper Alloy
	Mounting Hole Diameter	3.18 mm [.125 in]
	Boardlock Plating Material	Tin-Lead
Housing Features	Centerline	2.74 mm [.108 in]
	Housing Color	Black
	Housing Material	Thermoplastic
Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	UL E28476
Packaging Features	Packaging Method	Tray
	Packaging Quantity	104
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

<p>PCB D-SUB CONNECTORS</p>  <p>48 CHAMP B/A ASSY 1C</p>	<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p> 	<p>D-SUB LOCKING & MOUNTING</p>  <p>8MM SCREW LOCK</p>	<p>PCB D-SUB CONNECTORS</p>  <p>48 CHAMP B/A ASSY 1C</p>
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00 CHAINIT R/A ASSY, LC 5796055-2	05P MTA100 HDR ASSY SQ STR POL 640454-5	.031511 SCREWLOCK BRDMT, BULK 787004-3	00 CHAINIT R/A ASSY, LC 5796055-1
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Mating Products

Used to identify Mating Parts

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	PRODUCT - MATING PRODUCTS	<input checked="" type="checkbox"/>
	<p>Connectors - IDC D-Sub Connectors AMPLIMITE I HDF for Flat Ribbon Cable</p> <p>15 POS HDF PLUG, MS, LEAD FREE - 1658613-3</p> <p>TE INTERNAL NUMBER: 1658613-3</p> <p> Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Style Plug</p> <p>Number of Positions 15</p> <p>Number of Rows 2</p> <p>Preloaded Yes</p> <p>Contact Size 20</p>

RELATIONSHIP

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	PRODUCT - MATING PRODUCTS	<input checked="" type="checkbox"/>
	<p>Connectors - IDC D-Sub Connectors AMPLIMITE I HDE (IDC) Insulation</p> <p>15 HDE MS PLUG, 22-26, LEAD FREE - 1-745494-5</p> <p>TE INTERNAL NUMBER: 1-745494-5 ALIAS ID: 2-42932-9181, AMP-1-0745494-5, D82690-000</p> <p> Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Style Plug</p> <p>Number of Positions 15</p> <p>Number of Rows 2</p> <p>Preloaded Yes</p> <p>Contact Size 20</p>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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	PRODUCT - MATING PRODUCTS	<input checked="" type="checkbox"/>
	<p>Connectors - IDC D-Sub Connectors AMPLIMITE I HDE (IDC) Insulation</p> <p>KIT, PLUG, 15P, HDE, SHLD HDWRE - 747531-7</p> <p>TE INTERNAL NUMBER: 747531-7</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Style Plug</p> <p>Shielded Yes</p>



✓ Active

Centerline **1.38 mm**

Number of Positions **15**

Number of Rows **2**

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