



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

15 MSFL PLUG RA 318 (IN,FM,BL)

AMPLIMITE | Standard

5747841-4

TE Internal Number: 5747841-4

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline (mm) **2.74**

Number of Positions **15**

Number of Rows **2**

Shell Size **2**

Product Drawings

[PLUG ASSEMBLY, SIZE 2, 15 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, BOARDLOCKS, 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_5747841-4_12122015122_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

2

	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
	Grounded	Yes
	Product Type	Connector
<hr/>		
Configuration Features	Number of Positions	15
	Number of Rows	2
	Preloaded	Yes
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Body Features	Plastic	No
	Color Code	None
	Eyelet Plating Material	Tin over Copper Flash
	Shell Plating Material	Tin
	Insert Material	Zinc
	Shell Material	Carbon Steel
	Eyelet Material	Brass
	Post Size	.66 mm [.026 in]
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Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin
	Contact Base Material	Brass
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	Gold over Palladium Nickel, Gold
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Termination Features	Termination Post Length	3.18 mm [.125 in]
	Grounding Clips	Without
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Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Mating Connector Lock	With

Mating Connector Lock	With
Mating Connector Lock Type	Threaded Insert, 4-40 UNC
Panel Mount Retention	Without
Mating Retention Type	Threaded Inserts
Boardlock Material	Copper Alloy
Mating Retention	With
PCB Mount Alignment	With
Mounting Hole Diameter	3.18 mm [.125 in]
Boardlock Plating Material	Tin over Nickel
Threaded Insert Material	Zinc
Threaded Insert Plating Material	Clear Chromate

Housing Features	Centerline (mm)	2.74
	Housing Color	Black
	Housing Material	Nylon, Polyester

Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
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Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Tray
	Packaging Quantity	104

Other	Comment	Plugs are preloaded with size 20 DF posted pin contacts
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Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

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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 I HDF for Flat Ribbon Cable

**15 POS HDF RCPT, MS,
LEAD FREE - 1658610-3**

TE INTERNAL NUMBER: 1658610-3

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **15**

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 I Standard

**15 MSFL RCPT RA 318
(IN, FM, BL) - 5747845-3**

TE INTERNAL NUMBER: 5747845-3

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **15**

Number of Rows **2**

Shell Size **2**

Contact Shape **Round**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

**15 MSFL RCPT RA 318
(SL, FM, BL) - 5747845-6**

TE INTERNAL NUMBER: 5747845-6
ALIAS ID: 1253072

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **15**

Number of Rows **2**

Shell Size **2**

Contact Shape **Round**

