



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

37 MSFL RCPT RA 318 (IN,FM,BL)

AMPLIMITE | Standard

5747847-4

TE Internal Number: 5747847-4
Alias ID: AMP-0-5747847-4, CC2973-000

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.109**

Number of Positions **37**

Number of Rows **2**

Shell Size **4**

Product Drawings

RECEPTACLE ASSEMBLY, SIZE 4, 37 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 Environmental Compliance

TE Material Declaration

MD_5747847-4_0416201459_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

4

	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
<hr/>		
Configuration Features	Number of Positions	37
	Number of Rows	2
	Preloaded	Yes
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Body Features	Plastic	No
	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]
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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
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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 (in)	.109
	Housing Color	Black
	Housing Material	Thermoplastic

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	52

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

Products - 10 Results

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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

37 POS HDF PLUG, MS, LEAD FREE - 1658613-1

TE INTERNAL NUMBER: 1658613-1

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **37**

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 - IDC D-Sub Connectors
AMPLIMITE I HDE (IDC) Insulation

KIT, PLUG, 37P, HDE, SHLD ENCLSRE - 1-747950-4

TE INTERNAL NUMBER: 1-747950-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Number of Positions **37**

Number of Rows **2**

Preloaded **Yes**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - PCB D-Sub Connectors
AMPLIMITE I Standard

37 MSFL PLUG RA 318 (IN, FM, BL) - 5747843-4

TE INTERNAL NUMBER: 5747843-4

ALIAS ID: AMP-0-5747843-4, CC2972-000

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2.77 mm**

Number of Positions **37**

Number of Rows **2**

Shell Size **4**

