



PCB D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

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

AMPLIMITE | Standard

5747843-4

TE Internal Number: 5747843-4

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

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline (mm) **2.77**

Number of Positions **37**

Number of Rows **2**

Shell Size **4**

Product Drawings

PLUG ASSEMBLY, SIZE 4, 37 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, BOARDLOCKS, AMPLIMITE HD-20

PDF
English

CAD Files

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Catalog Pages/Data Sheets

AMPLIMITE Subminiature D Connectors - Right-Angle Posted Connectors

PDF
English

Product Environmental Compliance

TE Material Declaration

MD_5747843-4_03192014229_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

4

	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
Configuration Features	Number of Positions	37
	Number of Rows	2
	Preloaded	Yes
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]
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 Flash over Palladium Nickel, 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	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)	2.77
	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	52
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

DISCRETE SOCKETS	PCB D-SUB CONNECTORS	PCB D-SUB CONNECTORS	TNC CONNECTORS
			
SOCKET, MIN-SPR W/KO AU SER-3 2-331677-9	09 MSFL RCPT RA 318 (SL, FM) 5745781-6	09 PLUG SP/FMS SCRLK 1-5747871-6	TNC PCB RT ANGLE 5227818-1

