



PCB D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

37 HTMSFL ASSY RA 318 (IN,BL)

AMPLIMITE | Standard

5788802-1

TE Internal Number: 5788802-1

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (mm) **2.761**

Number of Positions **37**

Number of Rows **2**

Shell Size **4**

Product Drawings

RCPT ASSEMBLY, SIZE 4, .318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMITE HD-20

PDF (TIFF AVAILABLE)
English

RCPT ASSEMBLY, SIZE 4, .318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMITE HD-20

PDF (TIFF AVAILABLE)
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_5788802-1_09172011945

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
Product Type	Connector	
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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 (in)	.026
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Contact Features	Solder Tail Contact Plating Material	Tin over Nickel
	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	Surface Mount, Through Hole
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks

Mating Connector Lock	With
Mating Connector Lock Type	Threaded Inserts
Panel Mount Retention	Without
Boardlock Material	Copper Alloy
PCB Mount Alignment	With
Mounting Hole Diameter (mm)	3.18
Boardlock Plating Material	Tin
Threaded Insert Material	Zinc
Threaded Insert Plating Material	Clear Chromate

Housing Features	Centerline (mm)	2.761
	Housing Color	Black
	Housing Material	Thermoplastic

Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
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Usage Conditions	High Temperature Housing	Yes
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Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Box
	Packaging Quantity	52

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 10 Results

[View All](#)

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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 DBC UDF BUC MC

Always EU RoHS/ELV Compliant





37 POS HDF PLUG, MS, LEAD FREE - 1658608-1

TE INTERNAL NUMBER: 1658608-1

✓ Active

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 - PCB D-Sub Connectors
AMPLIMITE I SL, Standard

37 MSFL PLUG RA 318 (SL, FM, BL) - 5747843-6

TE INTERNAL NUMBER: 5747843-6

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2.77 mm**

Number of Positions **37**

Number of Rows **2**

Shell Size **4**



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

37 HDE MS PLUG, 22-26, LEAD FREE - 1-745498-5

TE INTERNAL NUMBER: 1-745498-5

ALIAS ID: AMP-1-0745498-5, D38794-000

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **1.38 mm**

Number of Positions **37**

Number of Rows **2**

Preloaded **Yes**

