5788802-1 ✓ ACTIVE

AMPLIMITE

TE Internal #: 5788802-1

PCB D-Sub Connectors, Receptacle, Board-to-Board, 37 Position, 2.74 mm [.108 in] Centerline, 2 Row, Size 4, Round, Standard Profile,

Right Angle

View on TE.com >

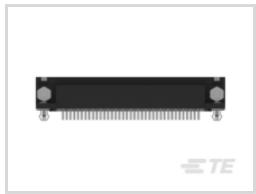


Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, Shell Size 4, 2.77mm











Connector & Housing Type: Receptacle

Connector System: Board-to-Board

Number of Positions: 37

Centerline (Pitch): 2.74 mm [.108 in]

Number of Rows: 2

All D-Sub Receptacle Assembly: Right Angle, Shell Size 4, 2.77mm (20)

Features

Product Type Features

Product Type Features	
Grounding Indents	Without
Grounding Straps	With
Footprint	8.08 mm[.318 in]
Shell Type	Front Metal Shell
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
D-Sub Shell Size	4
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector
Configuration Features	
Number of Positions	37

2

Number of Rows



PCB Mount Orientation	Right Angle
Preloaded	Yes
Body Features	
Eyelet Material	Brass
Eyelet Plating Material	Tin
Plastic	No
Insert Material	Zinc
Connector Profile	Standard
Shell Plating Material	Tin
Shell Material	Carbon Steel
	.026 in
Contact Features	
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A
	30 μin
Termination Features	
Grounding Clips	Without
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	3.18 mm[.125 in]
Mechanical Attachment	
Threaded Insert Material	Zinc
Threaded Insert Plating Material	Clear Chromate
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Threaded Inserts



Connector Mounting Type	Board Mount
Boardlock Plating Material	Tin
Mounting Hole Diameter	3.18 mm
Boardlock Material	Copper Alloy
Housing Features	
Centerline (Pitch)	2.74 mm[.108 in]
Housing Material	Thermoplastic
Housing Color	Black
Dimensions	
Row-to-Row Spacing	2.84 mm[.112 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Usage Conditions	
High Temperature Housing	Yes
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Method	Box
Packaging Quantity	52

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.



Solder Process Capability

Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # CAT-AM7-H3 IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm



TE Part # CAT-023-DPARS4274 D-Sub Plug Assembly: Standard, Right Angle, Shell Size 4, 2.74mm



TE Part # CAT-AM7-248H4
IDC D-Sub: Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm



TE Part # CAT-AM7-248H3 IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



Documents

Product Drawings

37 HTMSFL ASSY RA 318 (IN,BL)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5788802-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5788802-1_B.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_5788802-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - Right-Angle Posted Connectors

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English