



Connectors > D-Shaped Connectors > D-Sub Plug Assembly: Vertical, Shell Size 4, 2.74mm



Number of Positions: 37

Connector & Housing Type: Plug

Connector System: Board-to-Board

Connector Mounting Type: Board Mount

Connector Shell Size: 4

[All D-Sub Plug Assembly: Vertical, Shell Size 4, 2.74mm \(13\)](#)

Features

Product Type Features

Ground Feature Type	Grounding Indents
Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector Shell Size	4
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	37
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Shield Plating Material	Tin
Insert Material	Brass
Shield Material	Steel
Shell Plating Material	Tin
Mating Retention Feature Material	Brass
Primary Product Color	Black



Connector Profile	Standard
Contact Features	
	30 µin
Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A
Contact Options	Installed
Termination Features	
Termination Post & Tail Diameter	.66 mm[.026 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.18 mm[.125 in]
Mechanical Attachment	
Mounting Hole Diameter	3.05 mm[.12 in]
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	With
Mating Retention Type	Threaded Insert, 4-40 UNC
Housing Features	
Housing Material	Polyester
Shell Material	Carbon Steel
Centerline (Pitch)	2.74 mm[.108 in]
Dimensions	
PCB Thickness (Recommended)	1.57 – 2.36 mm[.062 – .093 in]
Row-to-Row Spacing	2.84 mm[.112 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Shielded	Yes



Circuit Application

Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476

Packaging Features

Packaging Quantity	7
Packaging Method	Tube

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (13% in 4690948374) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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



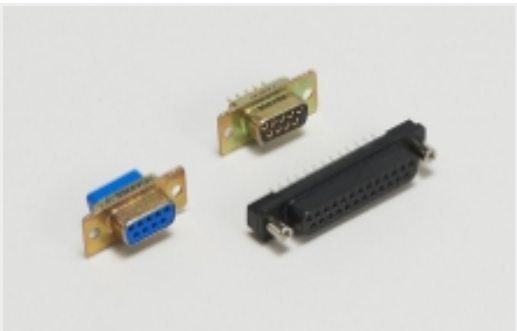


TE Part # CAT-AM7-248H5
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.77 mm



TE Part # CAT-AM7-253
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm

Also in the Series | **AMPLIMITE HD-20**



D-Shaped Connectors(285)



PCB D-Sub Connectors(285)

Customers Also Bought



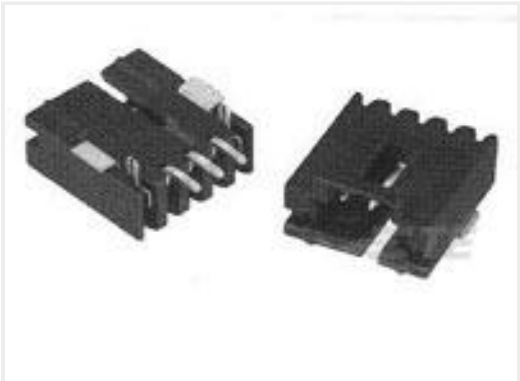
TE Part #1SNA233000R0100
RC610



TE Part #DRC23-80P
HDR, 80P, BLK, RA, AU/NI/CU, AB



TE Part #L9000266-01
SMA Jack 50 Ohm .062 PCB Edge Mount



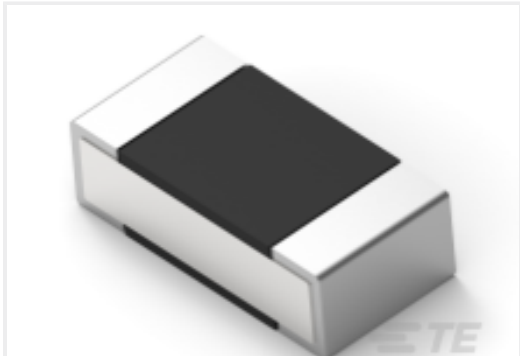
TE Part #5-147278-1
02 MTE HDR SRRA SFMNT .100CL



TE Part #535541-4
06 MODIV VRT SR CE 100/115



TE Part #3-1622796-2
YR1 0.1% 5K11



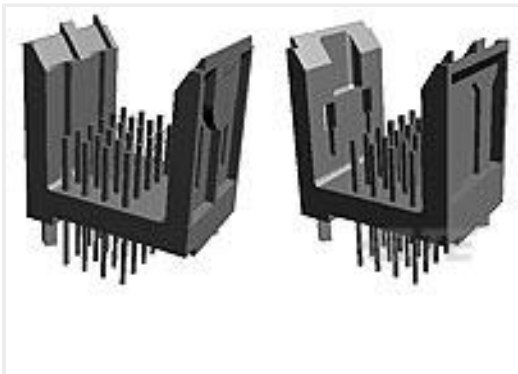
TE Part #2176308-8
RP 1E 0.1W 158K 0.1% 25PPM 5K RL



TE Part #6489930-2
CONN ASSY HIGH CUR CE



TE Part #1SNA173519R2500
BJM6D-5



TE Part #5536501-2
2MM FB,ASY,48,SIG,HDR,SL,4.25



Documents

Product Drawings

37 PLUG SP/FMS INSRT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_747375-8_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_747375-8_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_747375-8_L.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English