



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Standard, Vertical, Shell Size 2, 2.74mm



Connector & Housing Type: **Plug**

Connector System: **Board-to-Board**

Number of Positions: **15**

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

Number of Rows: **2**

[All D-Sub Plug Assembly: Standard, Vertical, Shell Size 2, 2.74mm \(20\)](#)

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	2
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	15
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Shell Plating Material	Tin
Mating Feature Material	Zinc
Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Underplating Material	Palladium Nickel
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	30 µin
Contact Options	Installed
Contact Mating Area Plating Material	Gold (Au), Gold Flash
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A

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	3.07 mm[.121 in]
PCB Mount Retention	With
PCB Mount Retention Type	4-40 Retention Screwlock
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Shell Material	Carbon Steel
Centerline (Pitch)	2.74 mm[.108 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	2.84 mm[.112 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	13
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Packaging Method	Tube
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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	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (40% in Component Part) 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 lead free process capable

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



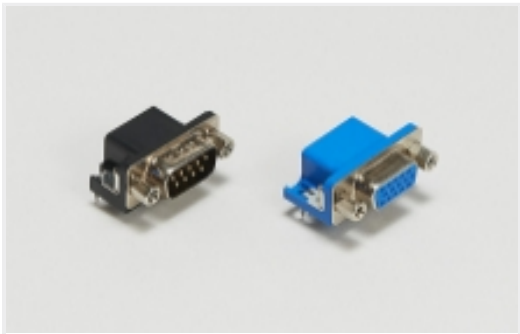
TE Part # CAT-AM7-253
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm



TE Part # CAT-AM7-248H8
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.74 mm



Also in the Series | [AMPLIMITE HD-20](#)

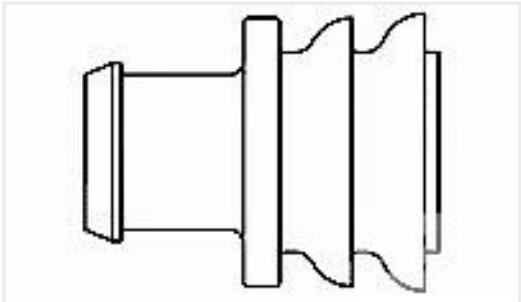


[PCB D-Sub Connectors\(289\)](#)

Customers Also Bought



TE Part #CAT-AM71-CH8172
[AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING](#)



TE Part #281934-2
[SINGLE WIRE SEAL](#)



TE Part #CAT-D487-W416
[Wedgelocks: DEUTSCH DT](#)



TE Part #DT04-2P
[REC, 2P, GRY, N](#)



TE Part #CAT-D48-ST273
[DEUTSCH Solid Contacts](#)



TE Part #DT06-2S
[PLG, 2P, GRY, N](#)

Documents

[Product Drawings](#)
[15 PLUG SP/FMS \(IN,SL\)](#)

English

[CAD Files](#)
Customer View Model
[ENG_CVM_CVM_748026-1_H.3d_igs.zip](#)

English

Customer View Model
[ENG_CVM_CVM_748026-1_H.3d_stp.zip](#)

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3D

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Customer View Model

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ENG_CVM_748026-1_J.3d_stp.zip

English

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Product Specifications

Application Specification

English