



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Plug Assembly, Signal, Cable to Cable, 2.16 mm



Connector & Housing Type: **Plug**

Solid Wire Size: **.13 – .32 mm²**

Stranded Wire Size: **.33 mm²**

[All IDC D-Sub: Plug Assembly, Signal, Cable to Cable, 2.16 mm \(19\)](#)

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Product Type	Connector Assembly
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	50
Number of Rows	2
Compatible With Wire & Cable Type	Discrete Wire, Round Jacketed Cable

Body Features

Connector Profile	Standard
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Contact Features

Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold (Au), Gold Flash
Contact Base Material	Copper Alloy



Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Options	Installed
Contact Current Rating (Max)	3.5 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention	With
Mating Retention Type	Screwlocks
Thread Size	4-40 UNC 2B
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.16 mm[.085 in]

Dimensions

Compatible Insulation Diameter (Max)	1.14 mm[.045 in]
Solid Wire Size	.13 – .32 mm²
Stranded Wire Size	.33 mm²
Wire Size	26 – 24 AWG

Usage Conditions

Operating Temperature Range	-40 – 75 °C[-40 – 167 °F]
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Operation/Application

Circuit Application	Signal
Shielded	No

Packaging Features

Packaging Method	Box & Tray, Package
Packaging Quantity	100

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Triphenyl phosphate (TPP) (1.5% in 20567588257) Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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-357-D658
IDC D-Sub: Plug Assembly, Signal, Cable to Cable, 2.16 mm



TE Part # CAT-357-D601
IDC D-Sub: Receptacle Assembly, Signal, 2.16 mm

Also in the Series | CHAMP Docking Connectors



Connector Caps & Covers(29)



Connector Hardware(28)



Connector Strain Relief(2)



Docking Connectors(19)

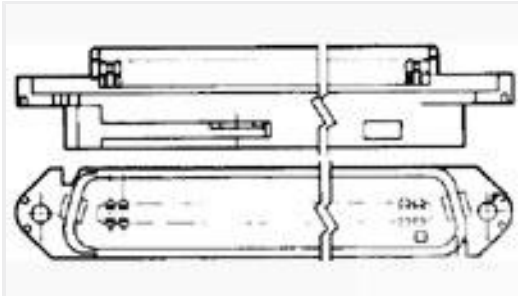


IDC D-Sub Connectors(55)

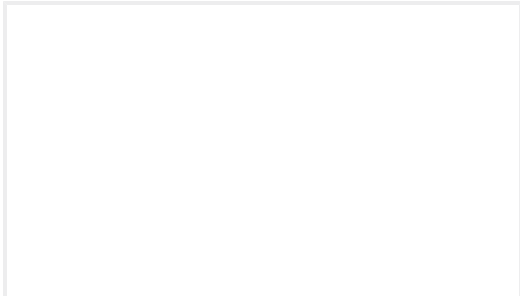
Customers Also Bought



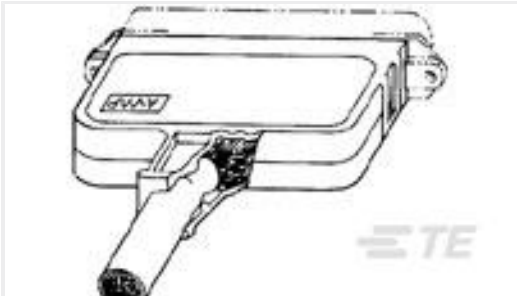
TE Part #1828574-1
FOCK, TJ-SC, DUPLEX, MM



TE Part #552390-1
ASSY, PLUG, 50 POS, E SLOT



TE Part #EH1741-000
PC4D0018P



TE Part #4-552008-1
KIT, COVER, 180, 50 POS



TE Part #YDTS26W15-35PNV001
PLUG ASSY



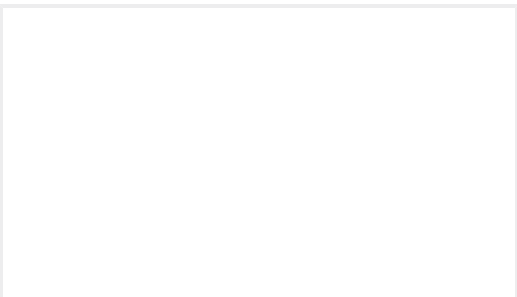
TE Part #NB10602001
ATUM-3/1-0-STK



TE Part #YDTS26W09-35PNV001
PLUG ASSY



TE Part #745185-1
15 RCPT SP/MS STD



TE Part #1-552027-4
STRAIN RELIEF, 50 POS, CHAMP



TE Part #5470274008
CONVOLEX-7/8-0-SP

Documents



3D

Customer View Model

[ENG_CVM_CVM_229974-4_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_229974-4_AB.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English