



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: 26 – 24 AWG

Stranded Wire Size: 24 AWG

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

Dimensions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Configuration Features

Number of Positions	64
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Number of Rows	2
Compatible With Wire & Cable Type	Discrete Wire, Round Jacketed Cable

Housing Features

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

Contact Features

Contact Current Rating (Max)	3.5 A
Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold Flash, Gold
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Options	Installed

Mechanical Attachment

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

Usage Conditions

Operating Temperature Range	-40 – 75 °C[-40 – 167 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

Primary Product Color	Black
Connector Profile	Standard

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Packaging Features

Packaging Method	Package, Box & Tray
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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 # 552276-1
ASSY, PLUG, 64 POS, B SLOT

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

TE Part # 229384-1
TOOL, INSERTION, HAND, T-GRIP

Also in the Series | CHAMP Docking Connectors



Customers Also Bought



Documents

Product Drawings
ASSY, PLUG, 64 POS, B SLOT

English

CAD Files
Customer View Model
ENG_CVM_552285-1_K.3d_igs.zip

English

Customer View Model



[ENG_CVM_552285-1_K.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_552285-1_K.2d_dxf.zip](#)

English

3D PDF

English

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Product Specifications

Application Specification

English

Application Specification

English

Agency Approvals

UL Report

English

UL Report

English