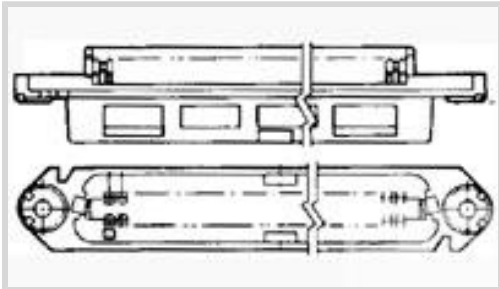




Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Receptacle Assembly, Signal, 2.16 mm



Connector & Housing Type: **Receptacle**

Solid Wire Size: **22 AWG**

Stranded Wire Size: **22 AWG**

[All IDC D-Sub: Receptacle Assembly, Signal, 2.16 mm \(18\)](#)

Features

Product Type Features

Connector & Housing Type	Receptacle
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

Primary Product Color	Black
Connector Profile	Standard

Contact Features

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



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	22 AWG
Stranded Wire Size	22 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 Quantity	100
Packaging Method	Box & Tray, Package

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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

Also in the Series | CHAMP Docking Connectors



Customers Also Bought

TE Part # 206434-1
CPC PLUG ASSEMBLY SIZE 11-8

TE Part # 229975-1
ASSY,RCPT,50POS,B SLOT,BLK HSG

TE Part # 1-745496-7
25 HDE MS PLUG,22-26,LEAD FREE

TE Part # 213982-1
R/A STRN RELIEF KIT,SZ 13,CPC

TE Part # 1-206062-6
CABLE CLAMP KIT #11

TE Part # 350784-1
15P UMNL CAP HSG

TE Part # 552496-1
90 DEG COVER KIT-64 POS BLK

TE Part # 569336-3
COVER KIT,120DEG.,CHAMP SYS 5

TE Part # 552319-1
ASSY, PLUG, 50 POS, C SLOT

TE Part # 552760-1
COVER,90 DEG,SLIDE-ON,\"C/PKG\"

Documents

Product Drawings
ASSY, RCPT, 50 POS, C SLOT
English

CAD Files
Customer View Model
ENG_CVM_CVM_552064-1_AB.2d_dxf.zip
English
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_552064-1_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_552064-1_AB.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English