



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



Number of Positions: 64

Connector & Housing Type: Plug

Connector System: Cable-to-Cable

Connector Mounting Type: Cable Mount (Free-Hanging)

Centerline (Pitch): 2.16 mm [.085 in]

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

Features

Product Type Features

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

Configuration Features

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

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

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



Contact Options	Installed
Termination Features	
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Mechanical Attachment	
Mating Retention	With
Mating Retention Type	Screwlocks
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Thermoplastic
Centerline (Pitch)	2.16 mm[.085 in]
Dimensions	
Stranded Wire Size	.33 mm ²
Solid Wire Size	.13 – .32 mm ²
Compatible Insulation Diameter (Max)	1.14 mm[.045 in]
Wire Size	26 – 24 AWG
Usage Conditions	
Operating Temperature Range	-40 – 75 °C[-40 – 167 °F]
Operation/Application	
Shielded	No
Circuit Application	Signal
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% in 4993802)

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	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

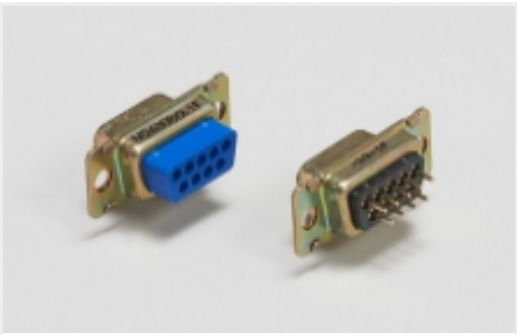
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 229384-1 TOOL, INSERTION, HAND, T-GRIP	TE Part # CAT-357-D601 IDC D-Sub: Receptacle Assembly, Signal, 2.16 mm	TE Part # 552285-1 ASSY, PLUG, 64 POS, B SLOT	TE Part # 230238-1 EXTRACTOR

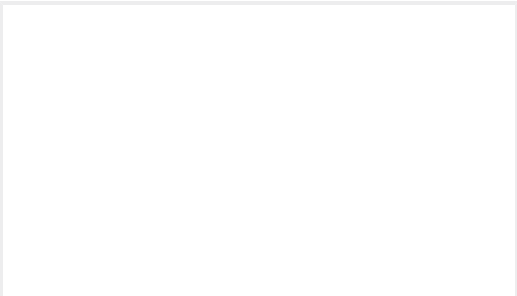
Also in the Series | CHAMP Docking Connectors

Connector Caps & Covers(27)	Connector Hardware(28)	D-Shaped Connectors(55)	IDC D-Sub Connectors(55)



Panel Mount D-Sub Connectors(10)

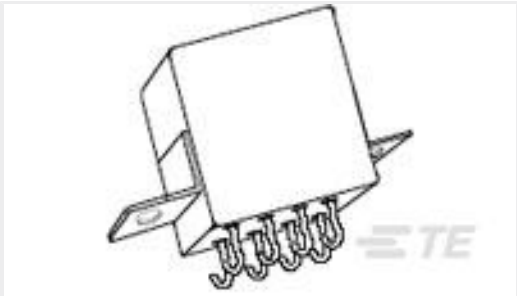
Customers Also Bought



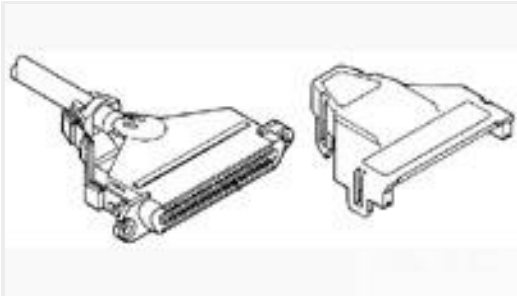
TE Part #213337-1
DUST COVER,MIL 600



TE Part #867156-1
COMMERCIAL RECEPTACLE KIT



TE Part #1-1617752-0
FCA-210-CY9



TE Part #554944-1
COVER KIT,180 DEG, 24 POS,SHLD



TE Part #2318957-2
REC CONN CVR,24POS,AMP MCP 2.8, FRB



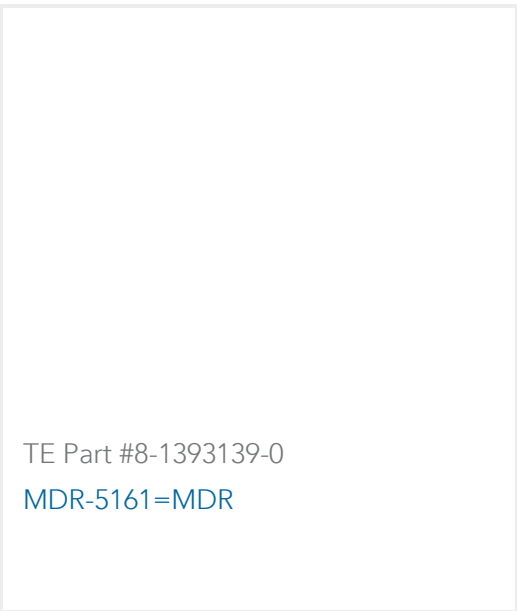
TE Part #CAT-357-D601
IDC D-Sub: Receptacle Assembly, Signal, 2.16 mm



TE Part #CS9495-000
SEB-F



TE Part #T2060002035-000
CHF-35



TE Part #8-1393139-0
MDR-5161=MDR

Documents

Product Drawings

ASSY, PLUG, 64 POS, B SLOT

English

CAD Files

Customer View Model

ENG_CVM_552276-1_H.3d_igs.zip

English

Customer View Model



[ENG_CVM_552276-1_H.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_552276-1_H.2d_dxf.zip](#)

English

3D PDF

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

UL Report

English