



Connectors > D-Shaped Connectors

Number of Positions: **50**Connector & Housing Type: **Plug, Receptacle**Connector System: **Cable-to-Cable**Connector Mounting Type: **Cable Mount (Free-Hanging)**Centerline (Pitch): **2.16 mm [.085 in]**

Features

Product Type Features

Connector & Housing Type	Plug, Receptacle
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	50

Body Features

Primary Product Color	Black
Connector Profile	Standard
Cover Material	Thermoplastic

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A, 1 A

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

	.045 in
Compatible Cable Diameter (Max)	10.16 mm[.4 in]
Wire Size	24 AWG

Usage Conditions

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

Shielded	Yes
Circuit Application	Signal

Packaging Features

Packaging Method	Poly Bag
Packaging Quantity	1

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUL 2017 (174) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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>

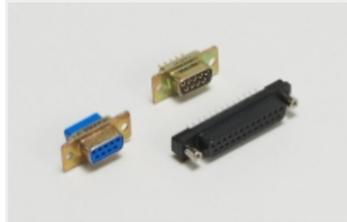
Also in the Series | CHAMP Docking Connectors



Connector Caps & Covers(28)



Connector Hardware(26)



D-Shaped Connectors(40)



IDC D-Sub Connectors(40)



Panel Mount D-Sub Connectors(5)

Customers Also Bought



TE Part #66394-8
III+ SKT,30-26,30AU/FL,STRIP



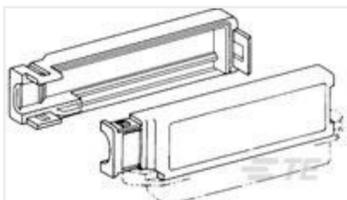
TE Part #200517-9
34 POS. SHIELD ASSY.



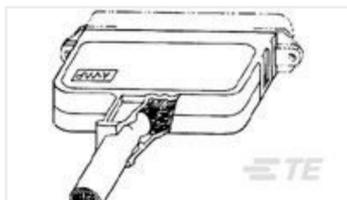
TE Part #201910-1
JACKSCREW KIT



TE Part #202713-2
SERIES M 75 POS, 2 PC. SHIELD



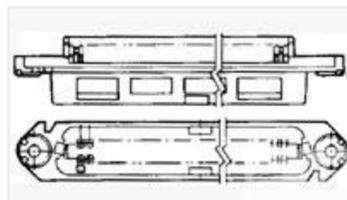
TE Part #552011-1
90 DEG COVER KIT 50 POS BLACK



TE Part #2-552079-1
COVER KIT 180 DEG 14 POS BLK



TE Part #552270-1
ASSY, PLUG, 14 POS, B SLOT



TE Part #552314-1
ASSY, RCPT, 36 POS, B SLOT



Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_5553257-1_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5553257-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5553257-1_O.3d_stp.zip](#)

English

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