552283-1 × OBSOLETE

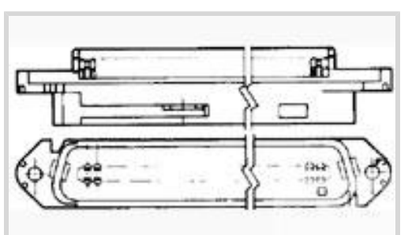
CHAMP | CHAMP Docking Connectors

TE Internal #: 552283-1

TE Internal Description: ASSY, PLUG, 24 POS, B SLOT

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **24**

Connector & Housing Type: **Plug**

Connector System: **Cable-to-Cable**

Connector Mounting Type: **Cable Mount (Free-Hanging)**

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

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	24

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

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

Stranded Wire Size	.33 mm²
Solid Wire Size	.13 – .32 mm²
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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) 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

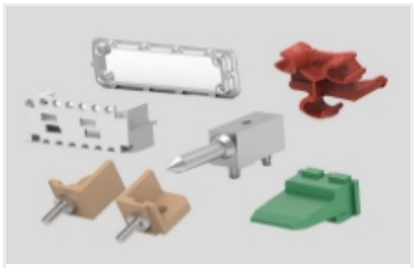
Product Compliance Disclaimer

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

Also in the Series | CHAMP Docking Connectors



Connector Caps & Covers(27)



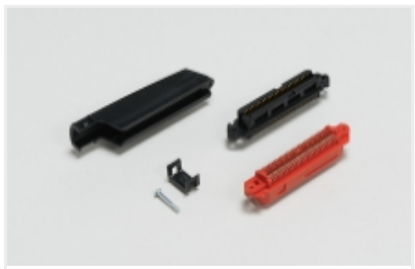
Connector Hardware(26)



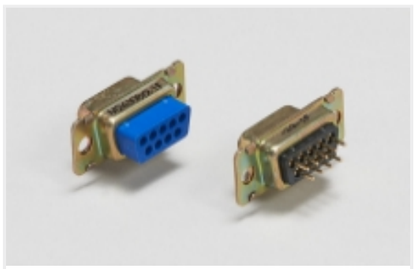
Connector Strain Relief(2)



Docking Connectors(19)



IDC D-Sub Connectors(41)



Panel Mount D-Sub Connectors(5)

Customers Also Bought



TE Part #CN9930-000
SBP190319WE2.5



TE Part #61086-1
.156 MNL PIN 20-14 PTPBR



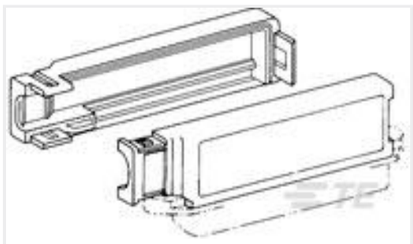
TE Part #CAT-357-D658
IDC D-Sub: Plug Assembly, Signal, Cable to Cable, 2.16 mm



TE Part #469542-3
FLOATING SHEAR



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



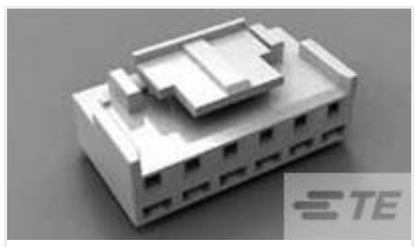
TE Part #2-552496-1
90 DEG COVER KIT-64 POS BLK



TE Part #770030-1
15P UMNLII IN-LINE CAP HSG KIT



TE Part #794118-1
04P .156 MNL CAP PANEL MOUNT



TE Part #1-1123722-7
3.96 EP PLUG HSG 7P(NATURAL)

Documents

CAD Files

Customer View Model
ENG_CVM_552283-1_P.3d_igs.zip
English

Customer View Model
ENG_CVM_552283-1_P.3d_stp.zip
English

Customer View Model
ENG_CVM_552283-1_P.2d_dxf.zip
English

3D PDF
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification
English

Application Specification
English

Agency Approvals

UL Report
English

UL Report
English