5554381-2 ✔ ACTIVE

CHAMP | CHAMP Docking Connectors

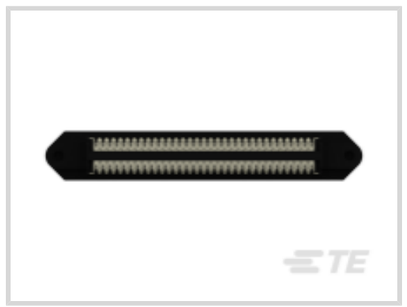
TE Internal #: 5554381-2

Receptacle, 26 – 24 AWG Solid Wire Size, .13 – .32 mm² Solid Wire Size, .33 mm² Stranded Wire, CHAMP Docking Connectors, IDC D-Sub Connectors

View on TE.com >

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: **26 – 24 AWG**

Stranded Wire Size: **24 AWG**

All IDC D-Sub: Receptacle Assembly, Signal, 2.16 mm (15)

Features

Contact Features

	30 µin
Contact Current Rating (Max)	3.5 A
Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold or Gold Flash
Contact Base Material	Copper Alloy
Contact Options	Installed

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Panel
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
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	Polyphenylene Oxide

Mechanical Attachment

Connector Mounting Type	Panel Mount
Mating Retention	With
Mating Retention Type	Screwlocks

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

Connector Profile	Standard

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

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

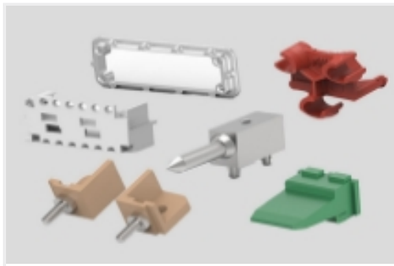


TE Part # 552315-1
ASSY, RCPT, 64 POS, B SLOT

Also in the Series | CHAMP Docking Connectors



Connector Caps & Covers(32)



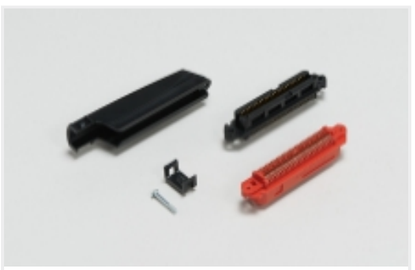
Connector Hardware(28)



Connector Strain Relief(2)



Docking Connectors(24)



IDC D-Sub Connectors(55)

Customers Also Bought



TE Part #2-6609129-3
5EFM1S=F8107



TE Part #552276-1
ASSY, PLUG, 64 POS, B SLOT



TE Part #2-1609034-1
30ESB6=F8329



TE Part #0662-207-1282
CONT SOC ASSY

TE Part #213337-1
DUST COVER,MIL 600



TE Part #1757820-6
AMPLIMITE,ASY,RCPT,STD,109,ZN,1, CT



TE Part #2000713-1
RA Keyed Guide Mod, Vita 46, Machined



TE Part #CS9495-000
SEB-F

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

Documents

Product Drawings

RCPT ASSY, 64 POSN,INT LKG LCH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5554381-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5554381-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5554381-2_A.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Product Specification

English

Connector, CHAMP

English

Connector, CHAMP

Japanese

Product Specification

Japanese