552470-1 ✔ ACTIVE

CHAMP | Potter & Brumfield IDC Series, CHAMP - LOK

TE Internal #: 552470-1

Plug, Cable-to-Cable, 36 Position, 2.16 mm [.085 in] Centerline, Wire & Cable, Power & Signal, Potter & Brumfield IDC Series, Docking Connectors

View on TE.com >

Connectors > Docking Connectors



Docking Connector Style: **Plug**

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

Number of Positions: **36**

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

Connector & Contact Terminates To: **Wire & Cable**

Features

Product Type Features

Docking Connector Style	Plug
Connector System	Cable-to-Cable
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	36

Contact Features

Contact Base Material	Copper Alloy
Contact Current Rating (Max)	3.5 A

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.16 mm[.085 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Product Compliance

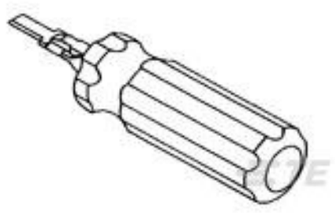
For compliance documentation, visit the product page on TE.com>

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 2025 (250) 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
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 # 230238-1
EXTRACTOR

Also in the Series | Potter & Brumfield IDC Series



Docking Connectors(3)

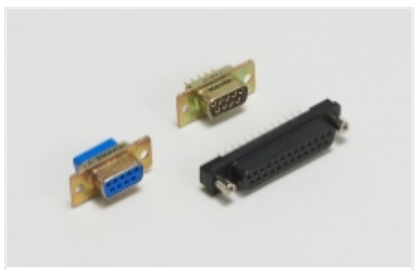


Hand Crimping Tools(2)



Insertion & Extraction Tools(2)

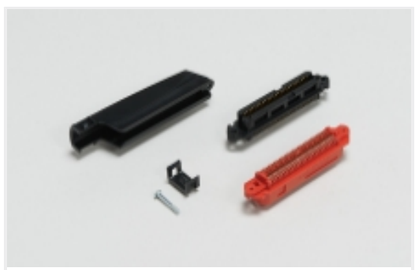
Also in the Series | CHAMP - LOK



D-Shaped Connectors(1)



Docking Connectors(3)



IDC D-Sub Connectors(1)



Insertion & Extraction Tools(2)

Customers Also Bought



TE Part #1625886-6
1W SM M/OX 5% 33R



TE Part #1-1625999-1
HSC100 1K2 5%



TE Part #6-1879334-8
CPF 0603 10R 1% 50PPM 1K RL

Documents

Product Drawings

ASSY, PLUG, 36 POS, E SLOT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_552470-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_552470-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_552470-1_R.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

UL Report

English