553601-1 × OBSOLETE

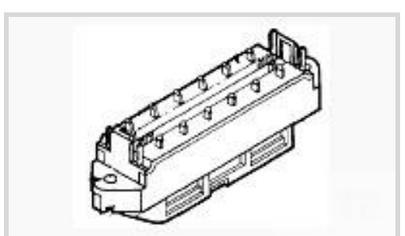
CHAMP | CHAMP Docking Connectors

TE Internal #: 553601-1

TE Internal Description: RCPT ASSY,36 POSN,SCR LK,L PF

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **36**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Panel Mount**

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

Features

Product Type Features

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

Configuration Features

Compatible With Wire & Cable Type	Ribbon Cable
Number of Rows	2
Number of Positions	36

Body Features

Ribbon Cable Centerline Spacing	1.27 mm[.05 in]
Connector Profile	Low
Cover Material	Thermoplastic

Contact Features

	30 µin
Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Material	Gold Flash
Contact Current Rating (Max)	1 A

Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.16 mm[.085 in]

Dimensions

Stranded Wire Size	.08 mm²
Solid Wire Size	.05 – .13 mm²
Wire Size	28 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 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

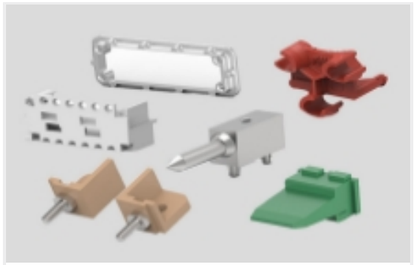
Product Compliance Disclaimer

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)



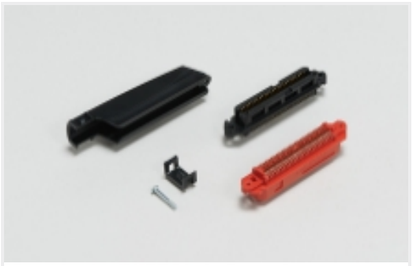
Connector Hardware(26)



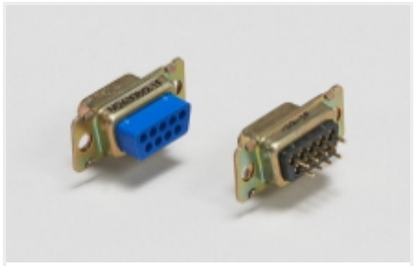
Connector Strain Relief(2)



Docking Connectors(19)



IDC D-Sub Connectors(41)



Panel Mount D-Sub Connectors(5)

Customers Also Bought



TE Part #HEC005N00000300000
723 HTEC RECEPTACLE, SPEEDTEC



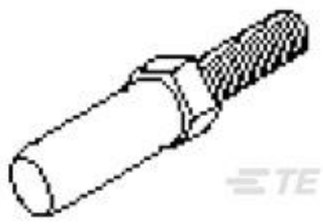
TE Part #86147-8
MOD I POST PLTD 30 AU



TE Part #3-794631-2
02P MICRO MNL ASSY,VRT,HDR LF



TE Part #6450871-1
MBXLE R/A RCPT 32S+4LP



TE Part #192085-1
2MM THREADED MTD PIN (3X0.5)



TE Part #2-34071-2
SPL,PG BUTT 16-14,FUNNEL ENTRY



TE Part #794218-3
MINI UMNL2 PIN 26-22 AWG AU



TE Part #YDTS20F21-16AC0000
SQUARE FLANGE RECEPTACLE



TE Part #2-1445051-6
MICRO MNL HDR ASSY S/ROW LF

Documents

Product Drawings

RCPT ASSY,36 POSN,SCR LK,L PF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_553601-1_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_553601-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_553601-1_N.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

CHAMP Latch Low Profile Connectors For Ribbon Cable

English

Agency Approvals

CSA Certificate

English