5552241-1 ✔ ACTIVE

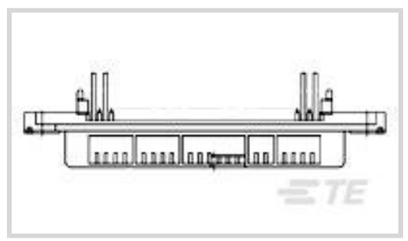
CHAMP

TE Internal #: 5552241-1

PCB D-Sub Connectors, Receptacle, Cable-to-Board, 36 Position, 2.16mm [.085in] Centerline, 2 Row, Row-to-Row Spacing 1.58 mm [.062 in]

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **Receptacle**

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

Number of Positions: **36**

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

Number of Rows: **2**

Features

Product Type Features

Grounded	No
PC Board Material	Glass-Filled Polyester
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Shielded	No
Product Type	Connector
Orientation	Standard

Configuration Features

Number of Positions	36
Number of Rows	2
PCB Mount Orientation	Vertical
Preloaded	Yes

Body Features

Bracket Material	Thermoplastic
Connector Profile	Standard
Color	Black

Plating Material	Thermoplastic

Contact Features

Contact Mating Area Plating Material	Gold, Gold Flash or Gold
Contact Underplating Material	Palladium Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
	30 µin

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
	.2 in

Mechanical Attachment

Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Bail Lock, Screwlocks
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Row-to-Row Spacing	1.58 mm[.062 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

Packaging Quantity	75

Other

Comb Material	Thermoplastic

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

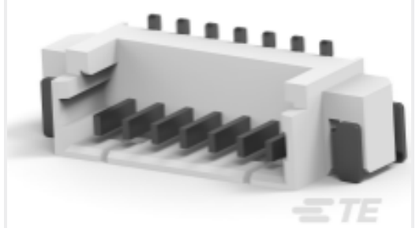
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-342-DPCV216
D-Sub Plug Assembly: Vertical, 2.16mm

Customers Also Bought



TE Part #1-1734260-3
AMP HPI 1.25MM HEADERS



TE Part #1-1623797-4
Wirewound Resistor: Horizontal Mount



TE Part #1622297-1
LR1 1% 100R



TE Part #1623137-1
CRG0805 1% 1K5



TE Part #1623097-1
CRG0805 1% 10K



TE Part #1622827-1
CRG0603 1% 100K



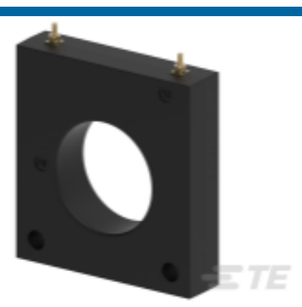
TE Part #1-826957-6
16P MOD2 STIFT LEI



TE Part #1623095-1
CRG0805 1% 100K



TE Part #1-6450130-4
MBXL R/A HDR 3ACP+24S+6P



TE Part #CG3879-000
CI-7SHT201

Documents

Product Drawings

ASSY, RCPT, 36 POS, EDGE MTG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5552241-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5552241-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5552241-1_A.3d_stp.zip

English

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

Product Environmental Compliance

TE Material Declaration

English