553444-4 ✔ ACTIVE

CHAMP

TE Internal #: 553444-4

PCB D-Sub Connectors, Plug, Cable-to-Board, 50 Position, .085 in [2.16 mm] Centerline, 2 Row, Standard Profile, Vertical, PCB Mount Retention

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Vertical, Action Pin, 2.16mm

Connector & Housing Type: **Plug**

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

Number of Positions: **50**

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

Number of Rows: **2**

All D-Sub Plug Assembly: Vertical, Action Pin, 2.16mm (4)

Features

Product Type Features

Grounded	No
Connector & Housing Type	Plug
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	50
Number of Rows	2
PCB Mount Orientation	Vertical
Preloaded	Yes

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Body Features

Connector Profile	Standard
Color	Natural

Contact Features

Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	3 A
Contact Mating Area Plating Thickness	.76 µm

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

Panel Attachment Style	Rear Mount
Panel Mount Feature	With
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Mating Retention	Without
Connector Mounting Type	Board Mount
Mounting Hole Diameter	3.3 mm

Housing Features

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

Dimensions

Row-to-Row Spacing	4.06 mm[.16 in]
PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

553444-4

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Packaging Features

Packaging Method	Tray
Packaging Quantity	20

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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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

Compatible Parts

TE Part # CAT-020-DRCVAP216

D-Sub Receptacle Assembly: Vertical, Action Pin, 2.16mm

TE Part # 554758-1

PLUG ASSY, 50 POSN, ACTION PIN

Customers Also Bought

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TE Part #5520258-2
MJ,TE,6P/4C,PNL STOPS,TRAY P

TE Part #6-1622825-9
RL73K 2B R22 5% 5K RL

TE Part #34855
TERMINAL,PG R 12-10 1/4

TE Part #640383-4
04P MTA156 HDR ASSY STR SQ SN

TE Part #2-32957-1
TERMINAL,PG R 16-14 6

TE Part #6-1437648-7
4PCV-04-006=4PCV ASSEMBLY

TE Part #5552563-1
HDW KIT, SCR LOCK, VERT MTG

TE Part #102320-1
UNIVERSAL HEADER LATCH

TE Part #34854
TERMINAL,PG R 12-10 10

Documents

Product Drawings
PLUG ASSY,ACTION PIN,CHAMP-LOK

English

CAD Files
Customer View Model
ENG_CVM_CVM_553444-4_V.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_553444-4_V.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_553444-4_V.3d_stp.zip

English

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

Product Specifications

553444-4

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Centerline, 2 Row, Standard Profile, Vertical, PCB Mount Retention

Application Specification

English

Application Specification

English

CHAMP Action Pin Connectors

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English

AMP CHAMP ACTION PIN Connectors (Preloaded)

English

Agency Approvals

CSA Certificate

English