553444-4 ✔ ACTIVE

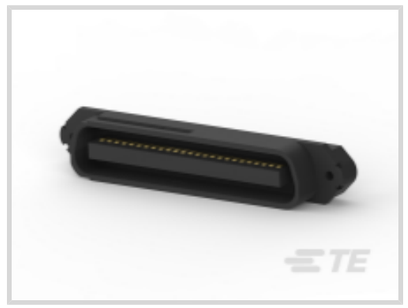
CHAMP

TE Internal #: 553444-4

50 Position D-Shaped Connector, Plug, Cable-to-Board, Board Mount, 2.16 mm [.085 in] Centerline, Printed Circuit Board, Signal

View on TE.com >

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







Number of Positions: **50**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Board Mount**

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

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

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	50
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy

Contact Mating Area Plating Material Thickness	.76 µm
Contact Current Rating (Max)	3 A
Contact Options	Installed

Termination Features

Rectangular Termination Post & Tail Width	.66 mm[.026 in]
Rectangular Termination Post & Tail Thickness	.48 mm[.018 in]
Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 # 554758-1
PLUG ASSY, 50 POSN, ACTION PIN

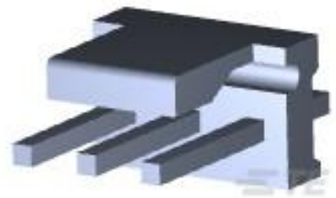


TE Part # CAT-020-DRCVAP216
D-Sub Receptacle Assembly: Vertical, Action Pin, 2.16mm

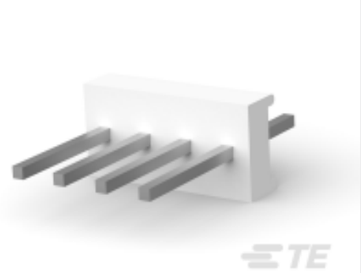
Customers Also Bought



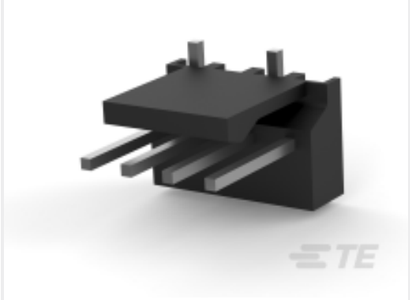
TE Part #ANT-916-JJB-RA
Antenna Mini R-Angle 916MHz THM



TE Part #640445-3
03P MTA156 HDR ASSY FL/STR SN



TE Part #CAT-104MTA-PVUNH
PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment



TE Part #1744382-8
08P MTA100 HDR ASSY,SM,SN, LF



TE Part #5-1879214-1
CPF 0402 1K15 0.1% 25PPM 1K RL



TE Part #2201778-1
MICRO SD PUSH PUSH LOW PROFILE TYPE



TE Part #5227699-2
BNC PCB VERTICAL

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

Application Specification

English

Application Specification

English

CHAMP Action Pin Connectors

English

Instruction Sheets

Instruction Sheet (U.S.)

English

AMP CHAMP ACTION PIN Connectors (Preloaded)

English

Agency Approvals

CSA Certificate

English