

553444-5 ✓ ACTIVE

## CHAMP

TE Internal #: 553444-5

64 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: **64**

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

PCB Mount Orientation	Vertical
Number of Rows	2
Number of Positions	64

### 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 $\mu$ m
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
Mating Retention	Without
PCB Mount Retention Type	Action/Compliant Tail
Panel Attachment Style	Rear Mount
PCB Mount Retention	With
Connector Mounting Type	Board Mount

#### Housing Features

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

#### 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]
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#### Operation/Application

Shielded	No
Circuit Application	Signal

#### Industry Standards

UL Flammability Rating	UL 94V-0
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#### Packaging Features

Packaging Method	Tray
Packaging Quantity	20

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2025 (247)

Candidate List Declared Against: JAN 2025 (247)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

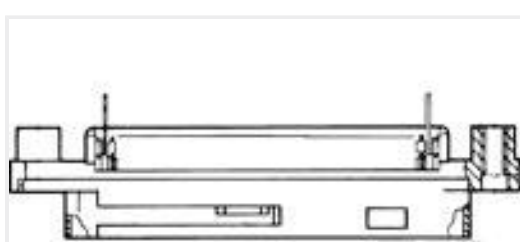
Solder Process Capability

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

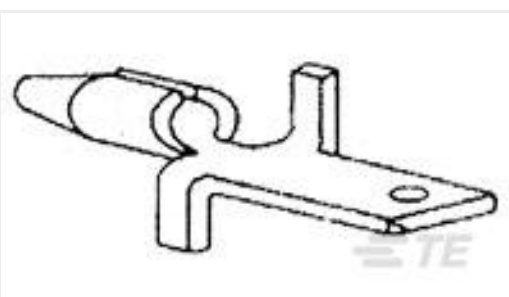


TE Part # 5552243-1  
ASSY, PLUG, 64 POS, VERT MTG

### Customers Also Bought



TE Part #5-103669-1  
02 MTE HDR SRST LATCH W/HLDWN



TE Part #61968-1  
110 FASTON TAB TPBR



TE Part #6-104362-1  
12 MTE HDR SRST LATCH W/HLDWN



TE Part #553443-5  
ASSY RCPT,ACTION PIN,CHAMP-LOK



TE Part #1-770166-1  
02P MINI UMNL ASSY VO SNAU LF



TE Part #2-1676123-7  
1/2W SM M/OX 5% 10R



TE Part #1-794070-1  
20P MINI UMNL HDR W/DH AU LF



TE Part #1-338309-2  
9P.HDP20 PLUG ASSY



TE Part #2041262-1  
Mini PCI-E 6.8H G/F



TE Part #5145299-2  
SIM/SAM RECPT,6 POS,SMT

## Documents

### Product Drawings

[PLUG ASSY,ACTION PIN,CHAMP-LOK](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_553444-5\\_V.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_553444-5\\_V.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_553444-5\\_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

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[Agency Approvals](#)

[CSA Certificate](#)

English