

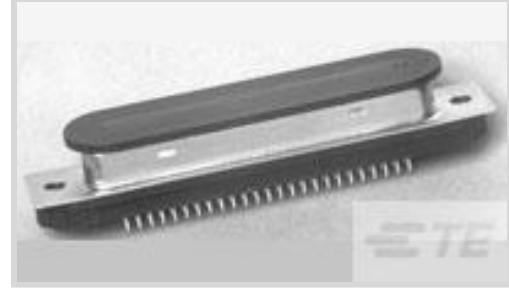
CHAMP

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

| | |
|-----------------------|----------|
| Number of Positions | 64 |
| 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: 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.

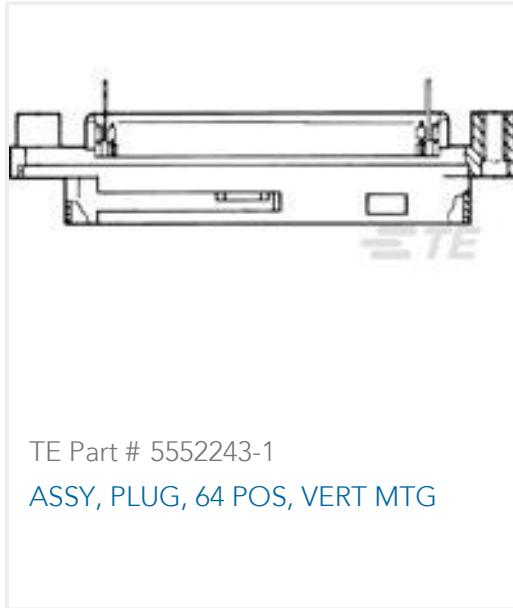
Solder Process Capability

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



Customers Also Bought





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



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



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



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



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

Agency Approvals

CSA Certificate

English