

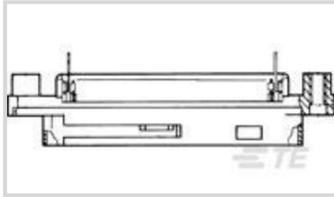
## CHAMP

TE Internal #: 5552243-1

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 &gt; D-Shaped Connectors &gt; D-Sub Plug Assembly: Vertical, 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, 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

	30 $\mu$ m
Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold or Gold Flash
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Options	Installed

### Termination Features

Rectangular Termination Post & Tail Width	.5 mm[.019 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Method to PCB	Through Hole - Solder

### Mechanical Attachment

Mounting Feature Material	Thermoplastic
Connector Mounting Type	Board Mount
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Screwlocks

### Housing Features

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

### Dimensions

PCB Thickness (Recommended)	1.57 mm, 2.36 mm, 3.18 mm[.062 in][.093 in][.125 in]
Row-to-Row Spacing	4.3 mm[.169 in]

### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 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	45

### 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

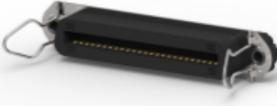
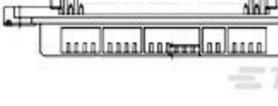
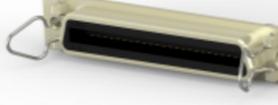


China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	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

 <p>TE Part # CAT-020-DRCVAP216 D-Sub Receptacle Assembly: Vertical, Action Pin, 2.16mm</p>	 <p>TE Part # 5406874-1 ASSY, RCPT, 50 POS, SHD, LPF, V/MTG</p>	 <p>TE Part # 5552126-1 ASSY, PLUG, 50 POS, EDGE MTG</p>	 <p>TE Part # 5552241-1 ASSY, RCPT, 36 POS, EDGE MTG</p>
 <p>TE Part # CAT-342-DPCVAP216 D-Sub Plug Assembly: Vertical, Action Pin, 2.16mm</p>	 <p>TE Part # CAT-342-DPCV216 D-Sub Plug Assembly: Vertical, 2.16mm</p>	 <p>TE Part # CAT-342-DSRCV216 D-Sub Shielded Receptacle Assembly: Vertical, 2.16mm</p>	 <p>TE Part # 5552246-1 ASSY, RCPT, 64 POS, VERT MTG</p>

## Customers Also Bought



TE Part #1060-20-0244  
PIN, SF, SIZE 20, 16-22, AU/SN



TE Part #102095-3  
MOD IV PIN PLTD 30 SEL



TE Part #1-102387-2  
64 MODIV HSG COMP DR .100 POL



TE Part #292304-4  
STD USB TYPE B, R/A, T/H, 15U" AU



TE Part #1-641737-1  
04P CMNL HDR ASSY R/A V0



TE Part #2-1761606-9  
IDC LOW PRO HDR 26P VERT LA



TE Part #3-1761606-1  
IDC LOW PRO HDR 34P VERT LA



TE Part #5102160-3  
A/L UNIV HDR 16P RA



TE Part #5650934-5  
ASSY,PIN,EUROCARD,TYPE R,LEAD-



TE Part #5-87456-1  
60 MODIV HSG COMP DR .100CL

## Documents

### Product Drawings

[ASSY, PLUG, 64 POS, VERT MTG](#)

English

### CAD Files

[3D PDF](#)

English

**Customer View Model**

[ENG\\_CVM\\_5552243-1\\_O.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_5552243-1\\_O.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_5552243-1\\_O.3d\\_stp.zip](#)

English

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