

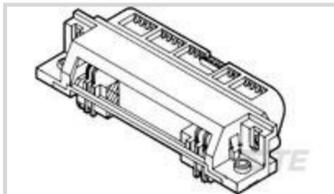
**CHAMP**

TE Internal #: 5552745-1

64 Position D-Shaped Connector, Plug, Cable-to-Board, Panel Mount &amp; Board Mount, 2.16 mm [.085 in] Centerline, Printed Circuit Board, Signal

[View on TE.com >](#)

Connectors &gt; D-Shaped Connectors

Number of Positions: **64**Connector & Housing Type: **Plug**Connector System: **Cable-to-Board**Connector Mounting Type: **Panel Mount & Board Mount**Centerline (Pitch): **2.16 mm [.085 in]****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	Right Angle

**Body Features**

Primary Product Color	Black
Connector Profile	Standard

**Contact Features**

	30 $\mu$ m
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	3.5 A
Contact Options	Installed

**Termination Features**



	.187 in
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

Panel Attachment Style	Rear Mount
Mounting Feature Material	Thermoplastic
Mounting Hole Diameter	3.2 mm
Connector Mounting Type	Panel Mount & Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Self-Tapping
Mating Retention	With
Mating Retention Type	Screwlocks

### Housing Features

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

### Dimensions

Panel Thickness (Recommended)	1.57 mm[.062 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 Quantity	30
Packaging Method	Tray

### 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	Wave solder capable to 265°C

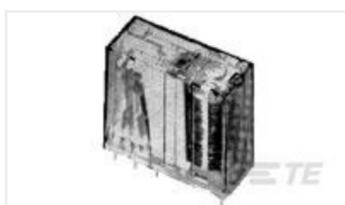
#### Product Compliance Disclaimer

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>

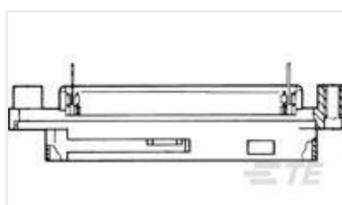
## Customers Also Bought



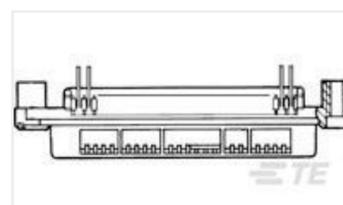
TE Part #554759-1  
PLUG ASSY, 64 POSN, ACTION PIN



TE Part #1-1393258-5  
V23047-A1024-A501



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



TE Part #5552246-1  
ASSY, RCPT, 64 POS, VERT MTG

## Documents

### Product Drawings

ASSY, PLUG, 64 POSN, RTANG, PCB

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG\_CVM\_CVM\_5552745-1\_O\_c-5552745-1-o.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5552745-1\\_O\\_c-5552745-1-o.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5552745-1\\_O\\_c-5552745-1-o.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