

5552742-1 ✓ ACTIVE

## CHAMP

TE Internal #: 5552742-1

Receptacle, Cable-to-Board, 36 Position, 2.16 mm [.085 in]

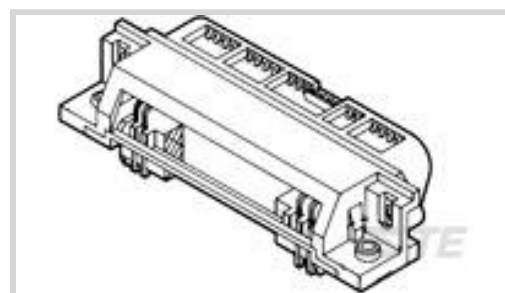
Centerline, 2 Row, Standard Profile, Right Angle, PCB D-Sub

Connectors

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, 2.16mm



Connector & Housing Type: **Receptacle**

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

Number of Positions: **36**

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

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Right Angle, 2.16mm \(19\)](#)

## Features

### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

### 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
---------------------------	-----------------------

### Packaging Features

Packaging Quantity	50
--------------------	----

Packaging Method	Tray
------------------	------

### Operation/Application

Shielded	No
----------	----

Circuit Application	Signal
---------------------	--------

### Contact Features

Contact Underplating Material	Palladium Nickel
-------------------------------	------------------

	30 µin
--	--------

Contact Options	Installed
-----------------	-----------

Contact Mating Area Plating Material	Gold or Gold Flash
--------------------------------------	--------------------



Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	3.5 A

#### Mechanical Attachment

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

#### Body Features

Primary Product Color	Black
Connector Profile	Standard

#### Dimensions

Panel Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	4.3 mm[.169 in]

#### Housing Features

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

#### Product Type Features

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

#### Configuration Features

Number of Positions	36
Number of Rows	2
PCB Mount Orientation	Right Angle

#### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
-----------------------------	----------------------------

#### Other

EU RoHS Compliance	Compliant
--------------------	-----------

EU ELV Compliance

Compliant

## 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 2024 (241)  
 Candidate List Declared Against: JUNE 2024 (241)  
 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



## Customers Also Bought



TE Part #5745172-3  
SIZE 2 ASSY KIT CBL CLAMP



TE Part #5552561-3  
HDWARE ASSY KIT

## Documents

### Product Drawings

[ASSY,RCPT,36 POSN,RTANG,PCB](#)

English

### CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_5552742-1\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5552742-1\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5552742-1\\_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