



**CHAMP**

TE Internal #: 5554901-1

PCB D-Sub Connectors, Receptacle, Cable-to-Board, 50 Position,  
2.16 mm [.085 in] Centerline, 2 Row, Standard Profile, Right Angle,  
PCB Mount Retention

[View on TE.com >](#)

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



Connector & Housing Type: **Receptacle**

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

Number of Positions: **50**

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

Number of Rows: **2**

[All D-Sub Shielded Receptacle Assembly: Right Angle, 2.16mm \(21\)](#)

**Features**

**Product Type Features**

Grounded	Yes
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Shielded	Yes
Product Type	Connector
Orientation	Standard

**Configuration Features**

Number of Positions	50
Number of Rows	2
PCB Mount Orientation	Right Angle
Preloaded	Yes

**Body Features**

Ground Bracket Plating Material	Zinc
Ground Bracket Material	Carbon Steel
Shield Plating Finish	Bright



Connector Profile	Standard
Color	Black
Shield Material	Die Cast Metal
Plating Material	Thermoplastic
Shield Plating Material	Nickel over Copper

#### Contact Features

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

#### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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#### Mechanical Attachment

Bail-Clip Material	Stainless Steel
Bail-Clip Finish	Passivated
Panel Attachment Style	Rear Mount
Panel Mount Feature	With
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	With
Mating Retention Type	Bail Lock
Connector Mounting Type	Board Mount
Screw Size	14702
	.125 in

#### Housing Features

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

#### Dimensions

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

#### Usage Conditions



Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Method	Tray
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Packaging Quantity	30
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### Other

Comb Material	Thermoplastic
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Wave solder capable to 265°C
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#### 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



### Documents

#### Product Drawings

[RCPT ASSY,SHLD,50 POSN,RTANG](#)

English

#### CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_5554901-1\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5554901-1\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_5554901-1\\_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