



CHAMP

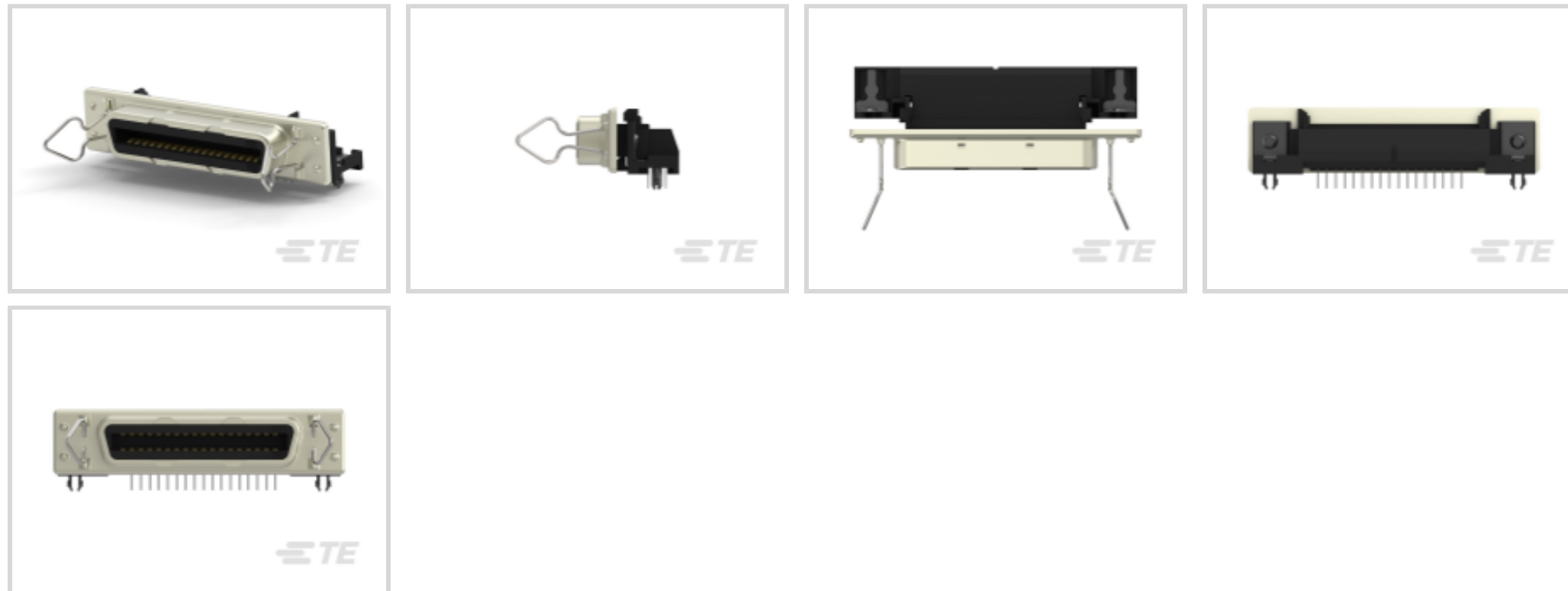
TE Internal #: 555520-2

TE Internal Description: RCPT ASSY,SHLD,36 POS,RTANG

D-Sub Shielded Receptacle Assembly: Right Angle, 2.16mm

[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: **36**

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

Number of Rows: **2**

[All D-Sub Shielded Receptacle Assembly: Right Angle, 2.16mm \(20\)](#)

**Features**

**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

**Body Features**

Assembly Process Feature Material	Carbon Steel
Shield Plating Finish	Bright
Shield Plating Material	Nickel over Copper
Shield Material	Die Cast Metal
Primary Product Color	Black

Connector Profile	Standard
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### Contact Features

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

Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
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Rectangular Termination Post & Tail Width	.56 mm[.022 in]
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Termination Method to PCB	Through Hole - Solder
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### Mechanical Attachment

Assembly Process Feature Plating Material	Tin
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Mating Alignment	With
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Panel Attachment Style	Rear Mount
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PCB Mount Retention	With
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PCB Mount Retention Type	Boardlock
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Mating Retention	With
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Mating Retention Type	Bail Lock
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Connector Mounting Type	Panel Mount
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### Housing Features

Housing Material	Polyester GF
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Centerline (Pitch)	2.16 mm[.085 in]
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### Dimensions

Panel Thickness (Recommended)	1.57 mm[.062 in]
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PCB Thickness (Recommended)	1.57 mm[.062 in]
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Row-to-Row Spacing	4.32 mm[.17 in]
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### Usage Conditions

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

Shielded	Yes
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Circuit Application

Signal

### Industry Standards

UL Flammability Rating

UL 94V-0

### Packaging Features

Packaging Quantity

40

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: JUNE 2024 (241)  
 Candidate List Declared Against: JAN 2021 (211)  
 Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

Solder Process Capability

Wave solder capable to 265°C

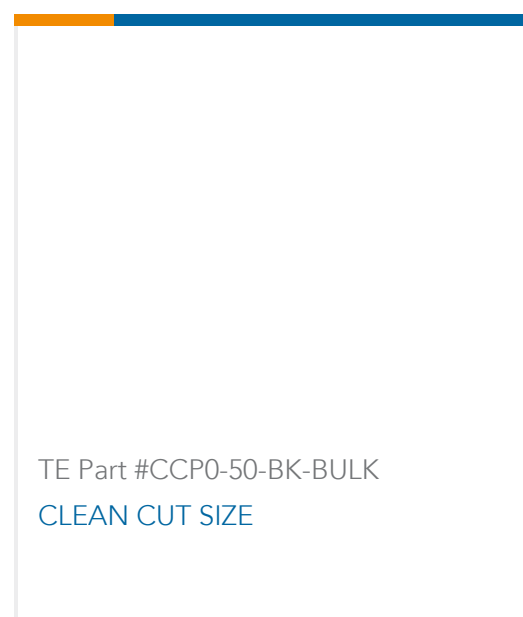
#### Product Compliance Disclaimer

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



## Documents

### Product Drawings

[RCPT ASSY,SHLD,36 POS,RTANG](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5555520-2\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5555520-2\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5555520-2\\_O.3d\\_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English