



CHAMP

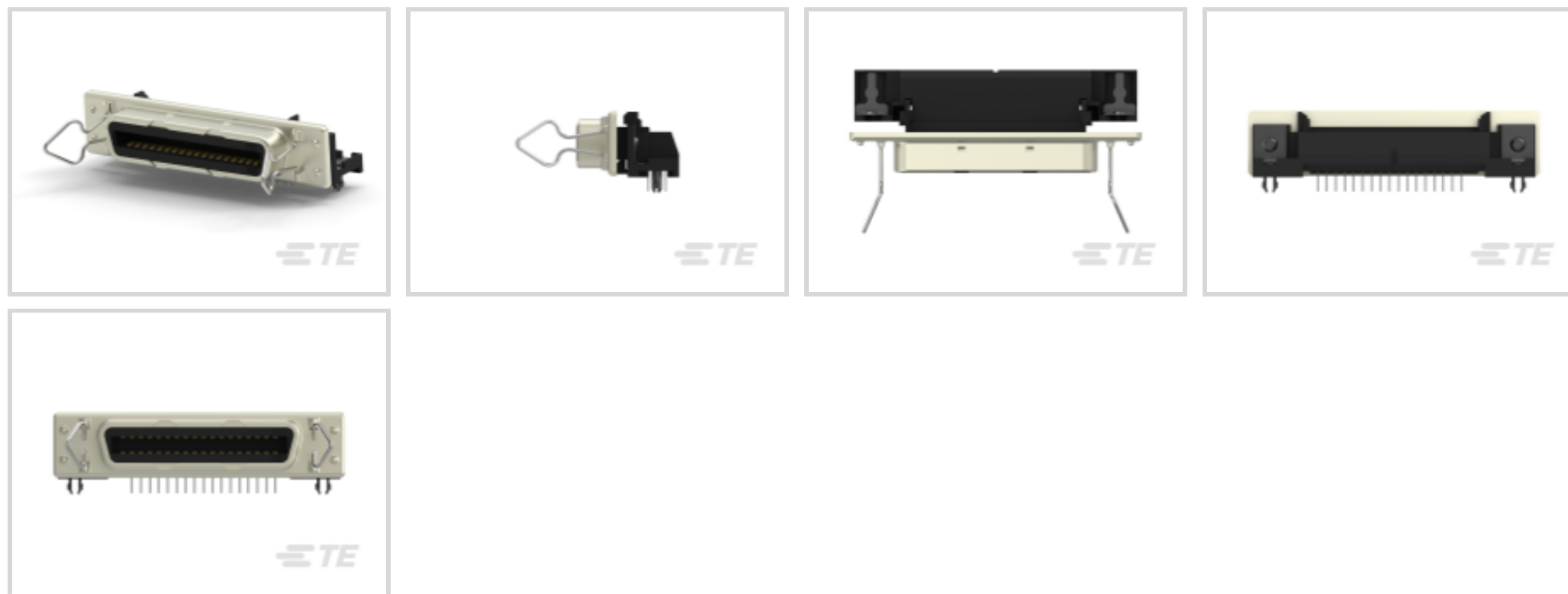
TE Internal #: 555520-2

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

Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

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

Packaging Features

Packaging Quantity	40
Packaging Method	Tray

Operation/Application

Shielded	Yes
Circuit Application	Signal

Contact Features

	30 μin
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Contact Options	Installed
Contact Mating Area Plating Material	Gold
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
Mating Alignment	With
Assembly Process Feature Plating Material	Tin
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Bail Lock
Connector Mounting Type	Panel Mount

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

Dimensions

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

Housing Features

Housing Material	Polyester GF
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]
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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: JAN 2021 (211) 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 #5660024001
SFR-3/8-0-SP



TE Part #NB13504001
RNF-100-3/8-BK-FSP



TE Part #NB25822001
SCL-1/8-0-STK



TE Part #52045-1
TERMINAL R PG 1/0 5/16



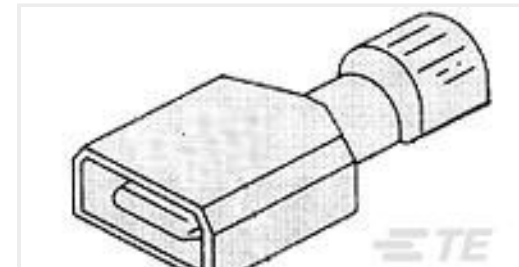
TE Part #745967-2
25 RCPT SP/FMS STD



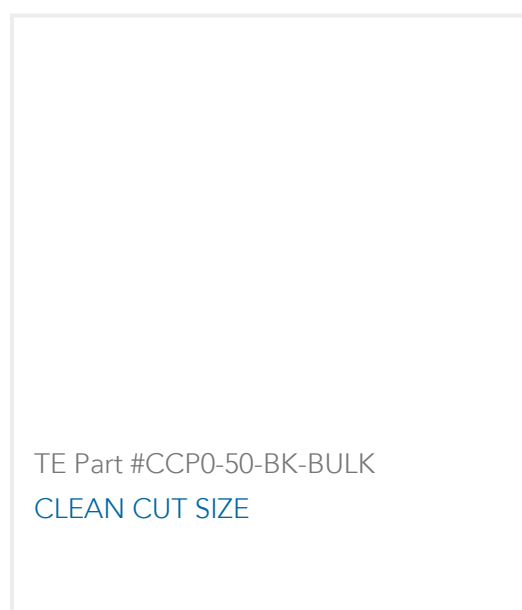
TE Part #811462-000
301A511-50-0



TE Part #HD34-24-33PN-072
REC, 33P, AL, N, THD ADPT DRAIN,
20, P



TE Part #3-521191-2
ULTRA-FAST 250 ASY TAB 16-14 AWG
TPBR



TE Part #CCP0-50-BK-BULK
CLEAN CUT SIZE

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