

5555057-1 ✓ ACTIVE

CHAMP

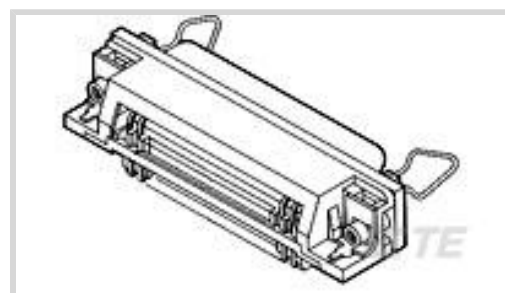
TE Internal #: 5555057-1

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
Orientation	Standard
Product Type	Connector

Configuration Features

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

Body Features

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



Connector Profile	Standard
Color	Black
Plating Material	Polyester
Shield Material	Die Cast Metal
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
	30 µin

Termination Features

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

Panel Attachment Style	Rear Mount
Bail-Clip Material	Stainless Steel
Bail-Clip Finish	Passivated
Panel Mount Feature	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Bail Lock
Connector Mounting Type	Board Mount
Screw Size	14702
	.128 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]
PCB Thickness (Recommended)	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	Polyester
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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 2021 (211) 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



Documents

Product Drawings

[RCPT ASSY,SHLD,50POS,CHAMP,R/A](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5555057-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5555057-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5555057-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English