

5553811-4 ✓ ACTIVE

CHAMP

TE Internal #: 5553811-4

PCB D-Sub Connectors, Receptacle, Cable-to-Board, 24 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: **24**

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

Grounding Indents	With
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	Reverse

Configuration Features

Number of Positions	24
Number of Rows	2
PCB Mount Orientation	Right Angle
Preloaded	Yes

Body Features

Bracket Material	Thermoplastic
Connector Profile	Standard



Color	Black
Shield Material	Die Cast Metal
Plating Material	Thermoplastic
Shield Plating Material	Nickel

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
	.157 in

Mechanical Attachment

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	Screwlocks
Connector Mounting Type	Board Mount
Screw Size	14702
	.126 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	60
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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 2019 (197) 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

[ASSY,EMI RCPT,24 POSN,SCR LK](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5553811-4_O.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5553811-4_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5553811-4_O.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English