

5553813-4 ✓ ACTIVE

CHAMP

TE Internal #: 5553813-4

Receptacle, Cable-to-Board, 50 Position, 2.16 mm [.085 in]

Centerline, 2 Row, Standard Profile, Right Angle, PCB D-Sub

Connectors

[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 \(20\)](#)

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

Rectangular Termination Post & Tail Width	.5 mm[.019 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Method to PCB	Through Hole - Solder
	.157 in

Packaging Features

Packaging Quantity	40
Packaging Method	Tray

Operation/Application

Shielded	Yes
Circuit Application	Signal

Contact Features

	30 µin
Contact Options	Installed
Contact Mating Area Plating Material	Gold



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

Panel Attachment Style	Rear Mount
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Mounting Feature Material	Thermoplastic
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	.126 in
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PCB Mount Retention	With
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PCB Mount Retention Type	Mounting Hole
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Mating Retention	With
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Mating Retention Type	Screwlocks
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Connector Mounting Type	Panel Mount & Board Mount
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Body Features

Shield Plating Material	Nickel
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Shield Material	Die Cast Metal
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Primary Product Color	Black
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Connector Profile	Standard
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Dimensions

Panel Thickness (Recommended)	1.57 mm [.062 in]
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Row-to-Row Spacing	4.3 mm [.169 in]
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Housing Features

Housing Material	Polyester
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Centerline (Pitch)	2.16 mm [.085 in]
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Product Type Features

Connector & Housing Type	Receptacle
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Connector System	Cable-to-Board
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Connector & Contact Terminates To	Printed Circuit Board
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Configuration Features

Number of Positions	50
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Number of Rows	2
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PCB Mount Orientation	Right Angle
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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: JUNE 2024 (241) 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>

Compatible Parts



Customers Also Bought



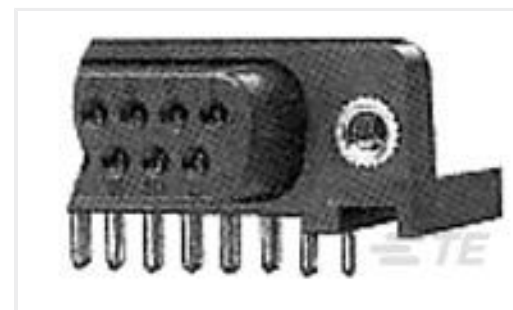
TE Part #2170812-1
CAGE ASSEMBLY, 1X2, QSFP28,
GASKET, HS



TE Part #2057409-1
IMP100S,R,RA2P16C,LG,39



TE Part #1-640445-4
14P MTA156 HDR ASSY FL/STR SN



TE Part #5788796-2
09 HTMSFL ASSY RA 318 (IN,BL)



TE Part #284514-8
8 POS TERMI-BLOK HDR DIR. POL.



TE Part #320665
PG SPD 22-16 COMM 22-18 MIL 6



TE Part #322994
TERMINAL,PG SPD 16-14 6

Documents

Product Drawings

[ASSY,EMI RCPT,50 POSN,SCR LK](#)

English

CAD Files

[3D PDF](#)

English

[Customer View Model](#)

[ENG_CVM_5553813-4_O2.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_5553813-4_O2.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_5553813-4_O2.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English