



CHAMP

TE Internal #: 5553813-4

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 \(20\)](#)

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	50
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

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

Contact Features

	30 µin
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy



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	.5 mm[.019 in]
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	.157 in
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Termination Method to Printed Circuit Board	Through Hole - Solder
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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
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Housing Features

Housing Material	Polyester
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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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Row-to-Row Spacing	4.3 mm[.169 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
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	40
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Packaging Method	Tray
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Other

D-Shaped Connectors Comment

SCSI applicable with Bail Lock Hardware Kit
P/N 554818-2.

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2023
(235)
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>

Compatible Parts



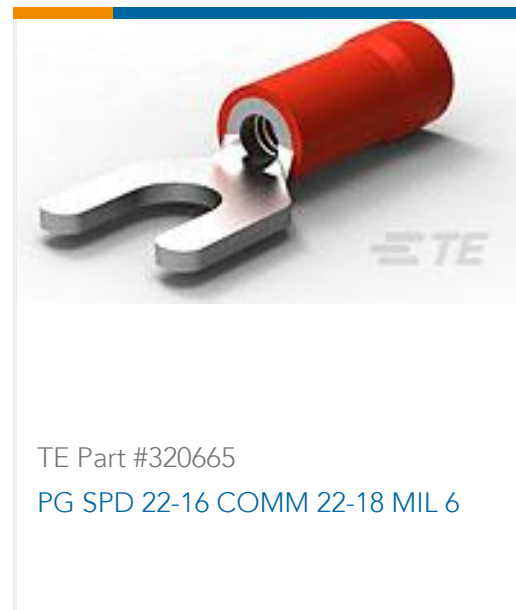
Customers Also Bought



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



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



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



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



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



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

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

Product Environmental Compliance

[TE Material Declaration](#)

English