

1-2232516-1 ✓ ACTIVE



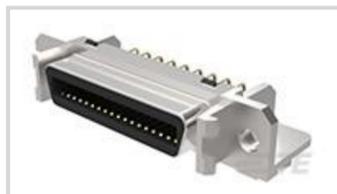
SCSI Connectors

TE Internal #: 1-2232516-1

PCB D-Sub Connectors, Receptacle, Board-to-Board, 14 Position,
1.27 mm [.05 in] Centerline, 2 Row, Size 2, Rectangular, SCSI
Connectors

[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **Receptacle**

Connector System: **Board-to-Board**

Number of Positions: **14**

Centerline (Pitch): **1.27 mm [.05 in]**

Number of Rows: **2**

Features

Product Type Features

Shell Type	Full Metal Shell
Frame Material	Die Cast Zinc
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
D-Sub Shell Size	2
Connector & Contact Terminates To	Printed Circuit Board
Shielded	No
Product Classification	PCB D-Sub Connectors
Orientation	Standard
Connector Type	Header
Product Type	Connector
Shape	"D" Shaped
Product Category	Connectors - Printed Circuit Board
Connector Design	Stacking

Configuration Features

Performance Level	1 (500 mating cycles)
Number of Power Positions	0
Number of Signal Positions	14



Number of Positions	14
Number of Rows	2
PCB Mount Orientation	Right Angle
Preloaded	Yes

Body Features

Tine Plate Material	PBT
Female Screwlock Material	Steel
Retention Leg Plating Material	Tin over Nickel
Plastic	Yes
Insert Material	PBT
Bracket Material	Zinc
Retention Leg Material	Copper Alloy
Bracket Plating Material	Nickel
Frame Plating Material	Nickel
Female Screwlock Plating Material	Nickel
Connector Profile	Standard
Color	Black
Shell Plating Material	Nickel
Plating Material	Thermoplastic
Shield Material	Die Cast Metal
Shell Material	Steel
Post Size	.4 mm
Shield Plating Material	Nickel

Contact Features

Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Shape & Form	Rectangular
Contact Current Rating (Max)	1 A
	30 μin

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Termination Post Length	2.8 mm[.11 in]
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Mechanical Attachment

Locking Screw Plating Material	Nickel
Boardlock Hole Diameter	2.7 mm
Mating Connector Lock Type Material	Stainless Steel
Locking Screw	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Retention Leg
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Panel Mount
Mounting Angle	Right Angle
Mating Alignment Type	Integral with mating surface
Mounting Hole Diameter	2.7 mm

Housing Features

Centerline (Pitch)	1.27 mm[.05 in]
Housing Material	Thermoplastic
Housing Color	Black

Dimensions

Row-to-Row Spacing	1.9 mm[.075 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Housing Material Temperature	Standard
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Insert Flammability Rating	UL 94V-0
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray, Tray
Packaging Quantity	140

Other

Comment	SCSI- Applicable.
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

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





Also in the Series | SCSI Connectors



[PCB D-Sub Connectors\(8\)](#)



[Solder D-Sub Connectors\(7\)](#)

Documents

Product Drawings

[SCSI .050 REC ASS'Y 14P PB-FRE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2232516-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2232516-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2232516-1_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

[CHAMP.050 Series\(II\) Connector Wire to Board Type](#)

English

[Product Specification](#)

English