5-2232516-1 ✔ ACTIVE

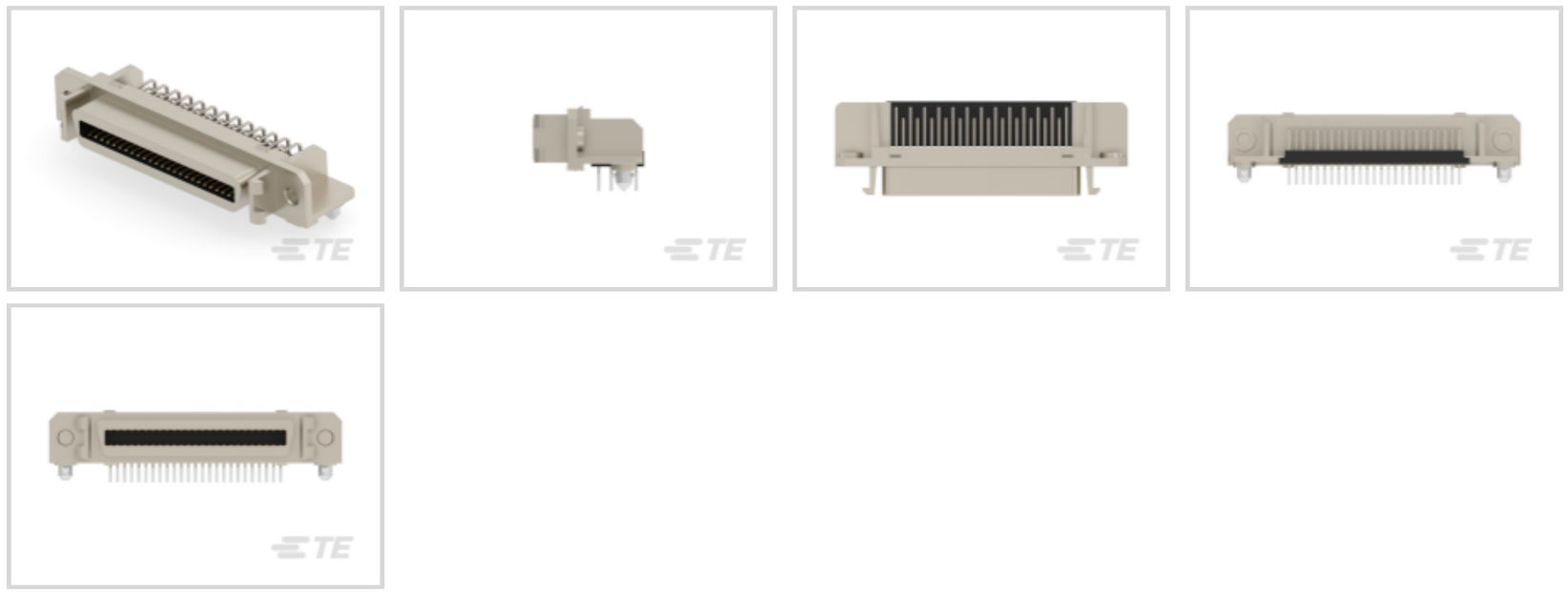
AMP | SCSI Connectors

TE Internal #: 5-2232516-1

50 Position D-Shaped Connector, Receptacle, Board-to-Board, Panel Mount & Board Mount, Shell Size 2, 1.27 mm [.05 in] Centerline, SCSI Connectors

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **50**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Panel Mount & Board Mount**

Connector Shell Size: **2**

Features

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector Shell Size	2
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
Insert Material	PBT
Shield Material	Die Cast Metal
Shell Plating Material	Nickel

Mating Feature Material	Steel
Mating Feature Plating Material	Nickel
Primary Product Color	Black
Connector Profile	Standard

Contact Features

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

Termination Features

Rectangular Termination Post & Tail Width	.4 mm[.015 in]
Rectangular Termination Post & Tail Thickness	.32 mm[.012 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.8 mm[.11 in]

Mechanical Attachment

Mounting Feature Plating Material	Nickel
Mounting Feature Material	Zinc
Mounting Hole Diameter	2.7 mm
Mating Alignment Type	Integral with mating surface
PCB Mount Alignment	With
Connector Mounting Type	Panel Mount & Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Retention Leg
Mating Retention	With
Mating Retention Type	Latch

Housing Features

Housing Material	Thermoplastic Polyester GF
Shell Material	Steel

Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

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

Usage Conditions

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

Operation/Application

Durability Rating	500 Cycles
Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	80
Packaging Method	Box & Tray, Tray

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

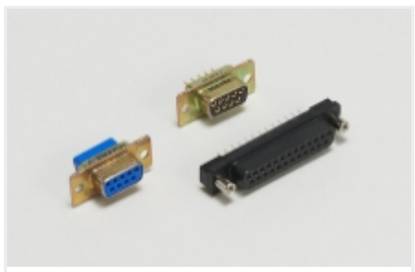
materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest 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

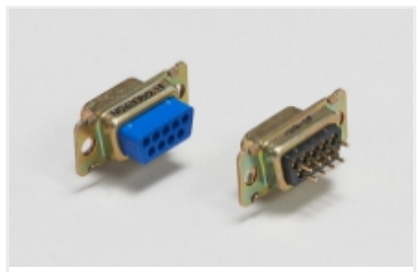


TE Part # 5-2232346-1
SCSI .050 PLUG ASS'Y 50P

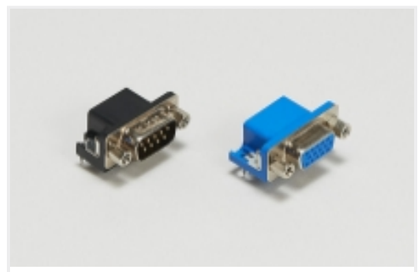
Also in the Series | SCSI Connectors



D-Shaped Connectors(22)



Panel Mount D-Sub Connectors(14)

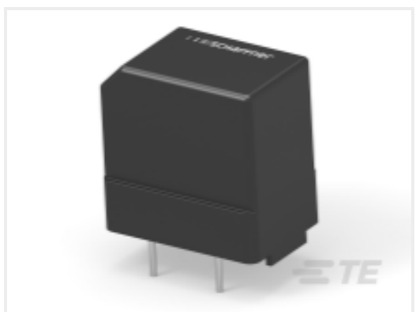


PCB D-Sub Connectors(14)



Solder D-Sub Connectors(8)

Customers Also Bought



TE Part #816553-SF
RN214-1.5-02-6M8



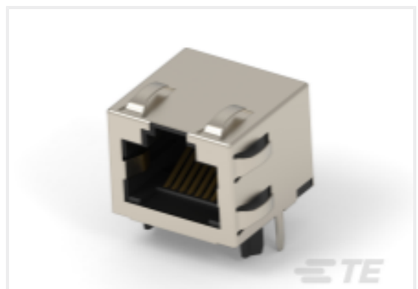
TE Part #106276-4
32P.IEC-C/2 M.CONN.



TE Part #216398-4
48P.IEC-C MALE CONN

TE Part #4-406549-8
IMJ,1X1,PNL GRD,LED(YG/YG), SN

TE Part #1735244-6
1mm FFC DIP V ASSY 6P NAT, Au plated



TE Part #2170463-1
MJ,INV,1X1,PNL G,.100"ST,SN



TE Part #5536397-5
ASSY,RECEPT,EURO,TYPE C/2,LEAD



TE Part #2232261-1
1394_A RECEPTACLE UP RIGHT RA THRU HOLE

TE Part #2271301-1
AMPMODU, REC, 2.0P, RA, TH, 30P, 3U' AU

TE Part #2271302-1
AMPMODU, PIN, 2.0P, RA, TH, 30P, 3U' AU

Documents

Product Drawings

SCSI .050 REC ASS'Y 50P PB-FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-2232516-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-2232516-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2232516-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English

CHAMP.050 Series(II) Connector Wire to Board Type

English

Product Specification

English