

5406874-1 ✓ ACTIVE

CHAMP

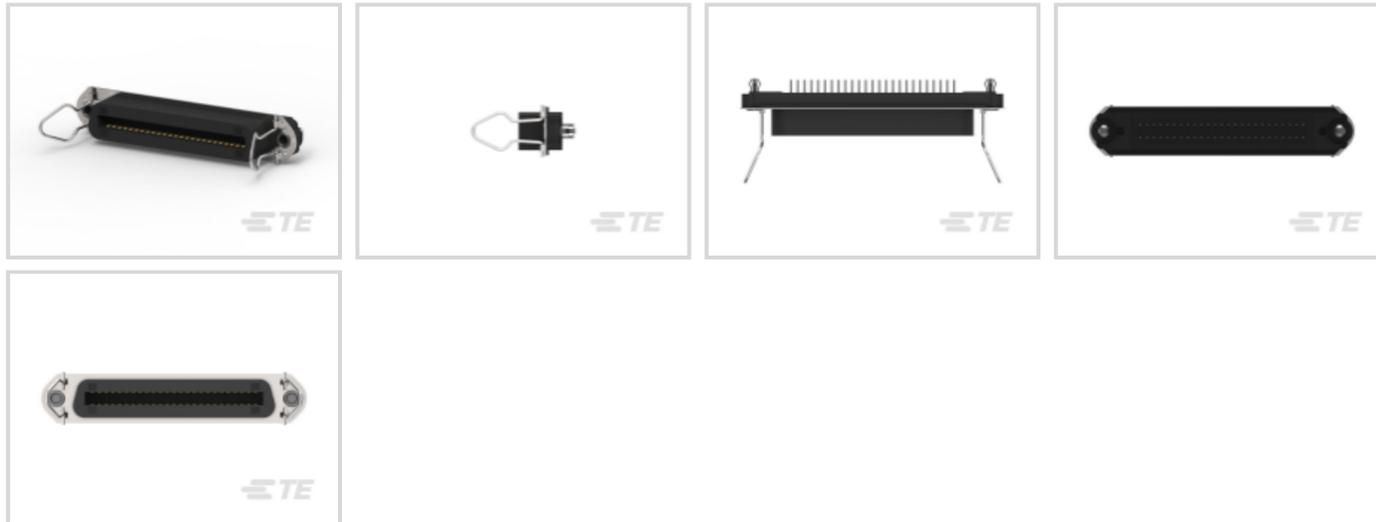
TE Internal #: 5406874-1

PCB D-Sub Connectors, Receptacle, Board-to-Board, 50 Position,
2.16 mm [.085 in] Centerline, 2 Row, Low Profile, Vertical, PCB
Mount Retention

[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: **50**

Centerline (Pitch): **2.16 mm [.085 in]**

Number of Rows: **2**

Features

Product Type Features

Grounded	No
Boss on Shield	With
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Shielded	Yes
Product Type	Connector
Orientation	Standard

Configuration Features

Number of Positions	50
Number of Rows	2
PCB Mount Orientation	Vertical
Preloaded	Yes



Body Features

Connector Profile	Low
Color	Black
Shield Material	Carbon Steel
Shield Plating Material	Nickel

Contact Features

Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Thickness	.76 μm

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	3.68 mm [.145 in]

Mechanical Attachment

Panel Attachment Style	Rear Mount
Panel Mount Feature	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Bail Lock
Connector Mounting Type	Board Mount
Boardlock Material	Copper Alloy
Boardlock Plating Material	Tin over Nickel
Mounting Hole Diameter	3.25 mm [.128 in]

Housing Features

Centerline (Pitch)	2.16 mm [.085 in]
Housing Material	Polyester
Housing Color	Black

Dimensions

Row-to-Row Spacing	4.06 mm [.16 in]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Tray
Packaging Quantity	7

Product Compliance

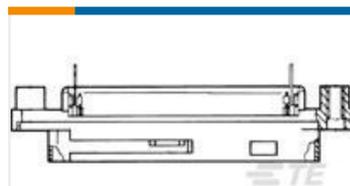
[For compliance documentation, visit the product page on TE.com>](#)

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) 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



TE Part # 5552243-1
ASSY, PLUG, 64 POS, VERT MTG

Documents



Product Drawings

[ASSY,RCPT,50POS,SHD,LPF,V/MTG](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5406874-1_O.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5406874-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5406874-1_O.3d_stp.zip](#)

English

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