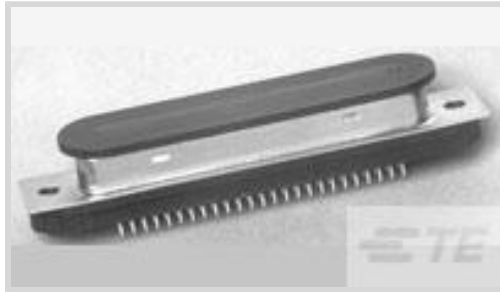# 557984-1 ✓ ACTIVE

CHAMP

TE Internal #: 557984-1

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

View on TE.com >

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 Recpt Assy Vert Action Pin, 2.16mm (10)

Features

Product Type Features

Grounded	No
Connector & Housing Type	Receptacle
Connector System	Cable-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

Shield Plating Finish	Bright
Connector Profile	Standard
Color	Natural

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Shield Material	Carbon Steel
Shield Plating Material	Nickel

Contact Features

Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	3 A
	30 µin

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Post Length	4.57 mm[.18 in]

Mechanical Attachment

Panel Attachment Style	Rear Mount
Panel Mount Feature	With
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Mating Retention	Without
Connector Mounting Type	Board Mount
Screw Size	14702

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]
PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

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

Packaging Features

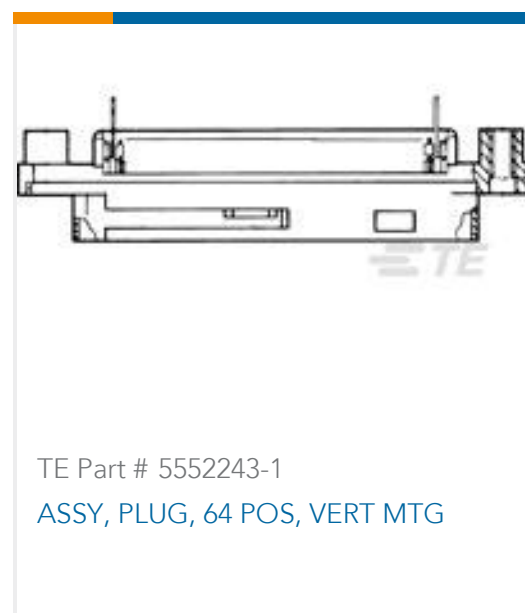| Packaging Method	Tray
Packaging Quantity	20

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 2021 (211) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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 # 5552243-1
ASSY, PLUG, 64 POS, VERT MTG

Customers Also Bought

557984-1

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

TE Part #5557932-1
RCPT ASSY,50POS,SHLD,RTANG

TE Part #4-1658012-2
MSB0.80RC-ASY080FL,GP,10,-TR

TE Part #5120793-1
ZP HS3 DB 10R REC 050P LT PD E

TE Part #6-103233-9
40 MODII HDR DRST UNSHRD A/PIN

TE Part #644749-6
06P MTA156 HDR ASSY STR SQ SN

TE Part #830178-3
RECEPTACLE

TE Part #3-1617122-2
JMACG-26XMS = M39016/9-104M

Documents

Product Drawings

RCPT ASSY,50PO,SHLD,A/PIN,CHAM

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_557984-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_557984-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_557984-1_D.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Application Specification

English

CHAMP Action Pin Connectors

English