5554501-1 ✔ ACTIVE

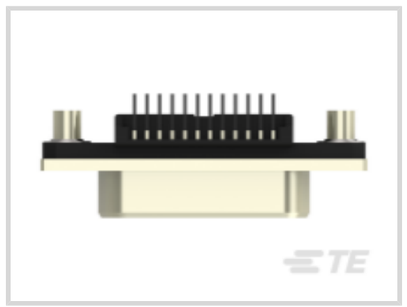
CHAMP

TE Internal #: 5554501-1

24 Position D-Shaped Connector, Receptacle, Cable-to-Board, Panel Mount & Board Mount, 2.16 mm [.085 in] Centerline, Printed Circuit Board, Signal

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Shielded Receptacle Assembly: Vertical, 2.16mm



Number of Positions: **24**

Connector & Housing Type: **Receptacle**

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

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

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

All D-Sub Shielded Receptacle Assembly: Vertical, 2.16mm (4)

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	24
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

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

Contact Features

	30 µin
Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold Flash
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Options	Installed

Termination Features

Rectangular Termination Post & Tail Width	.5 mm[.019 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.81 mm[.15 in]

Mechanical Attachment

Panel Attachment Style	Rear Mount
Connector Mounting Type	Panel Mount & Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	With
Mating Retention Type	Screwlocks

Housing Features

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

Dimensions

Row-to-Row Spacing	4.3 mm[.169 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Shielded	Yes
Circuit Application	Signal

Packaging Features

Packaging Quantity	90
Packaging Method	Tray

Product Compliance

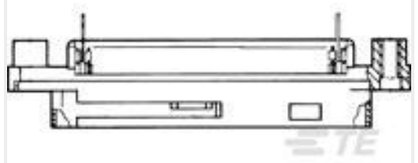
For compliance documentation, visit the product page on TE.com>

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: JAN 2025 (247) 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

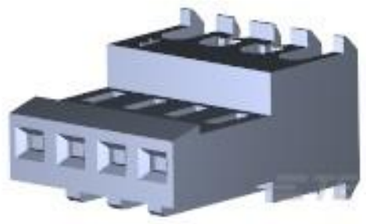
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

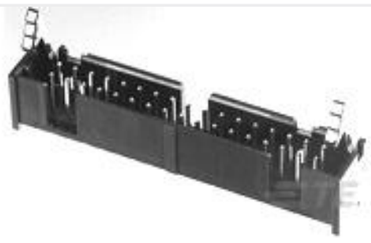
Customers Also Bought



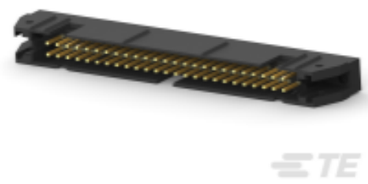
TE Part #3-640620-4
04P MTA100 CONN ASSY F/T RED

TE Part #4-644456-0
10P MTA100 HDR ASSY (NARROW)

TE Part #1546670-6
6P .437" DR BARRIER,W/BND SCRW



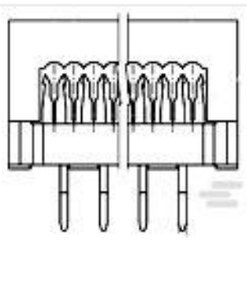
TE Part #2-1761606-9
IDC LOW PRO HDR 26P VERT LA



TE Part #CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS

TE Part #5227726-2
ISOLATED BNC SOLDER JACK ASSY

TE Part #5554434-1
EMI RCPT ASSY,24 POSN,SHLD



TE Part #5746613-3
16 DIP PLUG CONN-W/COVER

TE Part #5747840-4
HD-20 PLUG RA .318 FMS BD-LK 4

Documents

Product Drawings

RCPT ASSY,24 POS,V/M,SCR LK

English

CAD Files

Customer View Model

ENG_CVM_CVM_5554501-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5554501-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5554501-1_A.3d_stp.zip

English

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