5552726-1 ✔ ACTIVE

CHAMP

TE Internal #: 5552726-1

50 Position D-Shaped Connector, Plug, 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







Number of Positions: **50**

Connector & Housing Type: **Plug**

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

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

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

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	50
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 µin
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy

PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	3.5 A
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	.19 mm

Mechanical Attachment

Panel Attachment Style	Rear Mount
Mounting Feature Material	Thermoplastic
Mounting Hole Diameter	3.15 mm
Connector Mounting Type	Panel Mount & Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Self-Tapping
Mating Retention	With
Mating Retention Type	Screwlocks

Housing Features

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

Dimensions

Panel Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	4.3 mm[.169 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	40
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: JUNE 2025 (250) 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

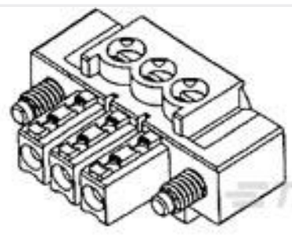
Product Compliance Disclaimer

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

Customers Also Bought



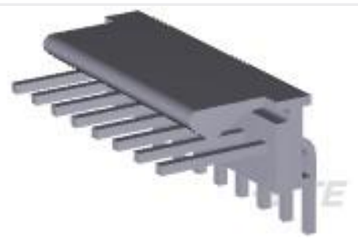
TE Part #208979-2
CONV OUTLET ASSY (BLACK)



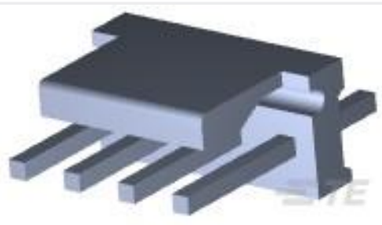
TE Part #284510-8
8P TERMI-BLOK PLUG CON VITI



TE Part #CAT-104MTA-NTPNR
MTA Receptacle: Nylon, Tin Plated, 2.54 mm



TE Part #640457-8
08P MTA100 HDR ASSY SQ R/A F/L



TE Part #644752-4
04P MTA156 HDR ASSY SQ STR F/L



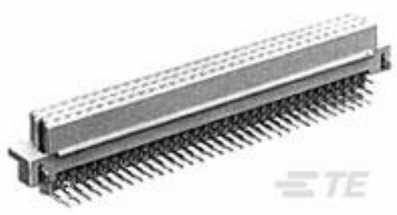
TE Part #5-1393252-8
W67-X2Q12-20=M6/M7/M9/W6/W7



TE Part #1658623-2
14 NOVO MIL 30DP, LEAD FREE



TE Part #5520257-2
MJ,TE,4P,PNL STOPS



TE Part #5650461-4
ASSY,RECEPTACLE,EUROCARD,TYPE

Documents

Product Drawings

ASSY,PLUG,50 POSN, RTANG, PCB

English

CAD Files

Customer View Model

ENG_CVM_CVM_5552726-1_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5552726-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5552726-1_O.3d_stp.zip

English

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Product Specifications

Application Specification

English