177534-3 ✔ ACTIVE

MIS

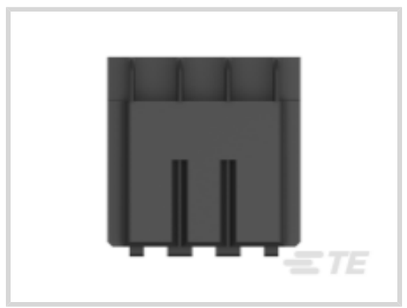
TE Internal #: 177534-3

3 Position, Receptacle, Connector Assembly, Insulation Displacement (IDC), Wire-to-Board, UL 94V-0, 2.5 mm [.098 in] Centerline, 1 Row, 250 VAC, MIS

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Contact Retention Within Housing: **With**

UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Black

Contact Features

Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Retention Within Housing	With
Contact Current Rating (Max)	3.5 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Strain Relief	Without
Panel Mount Feature	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon 66
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Compatible Insulation Diameter Range	1 – 1.5 mm[.039 – .059 in]
Connector Height	10.31 mm[.406 in]
Wire Size	28 – 24 AWG
Connector Length	10 mm[.394 in]

Usage Conditions

Operating Temperature Range	-25 – 105 °C[-13 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	CSA
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Product Compliance

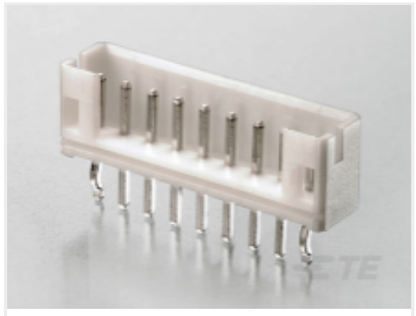
For compliance documentation, visit the product page on TE.com>

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 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

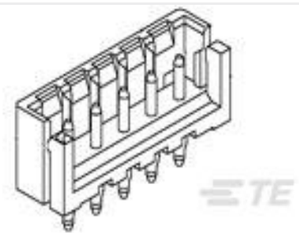
Compatible Parts



TE Part # CAT-H857-H34225
AMP HPI 2.5 mm Headers



TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



TE Part # 2-917500-3
2.5 MIS 3P ASSY BLACK



TE Part # 58075-1
MTA 50/100/156 PNEUMATIC TOOL FRAME

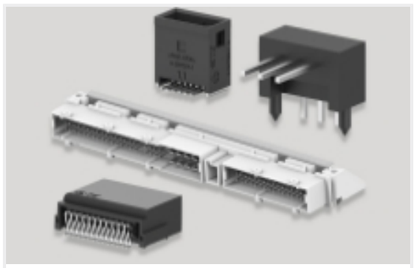


TE Part # 58338-1
MTA 50/100/156 PNEUMATIC BENCH MOUNT

Also in the Series | MIS



Connector Contacts(1)



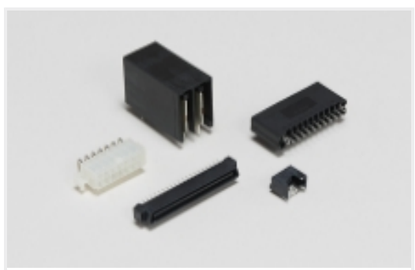
PCB Headers & Receptacles(23)



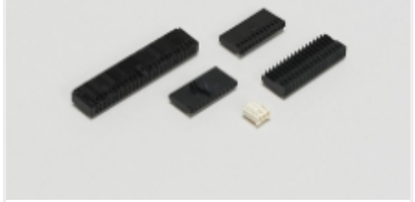
Rectangular Connector Housings(8)



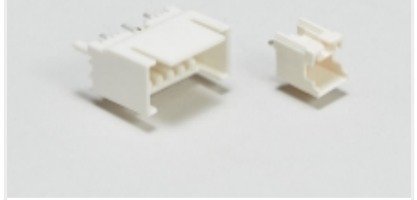
Rectangular Power Connectors(8)



Standard Rectangular Connectors(11)



Wire-to-Board Connector Assemblies & Housings(11)



Wire-to-Board Headers & Receptacles (23)

Customers Also Bought

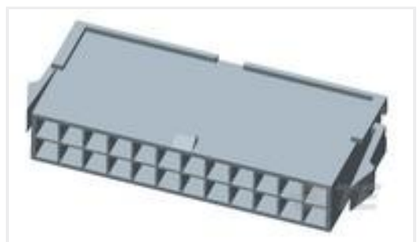
TE Part #EC9902-000
ZHD-SCE-1K-12.7-50-9



TE Part #4-641239-4
14P MTA100 CONN ASSY BLU LF



TE Part #787928-7
68 50SR R/A RECPT,REDESIGN



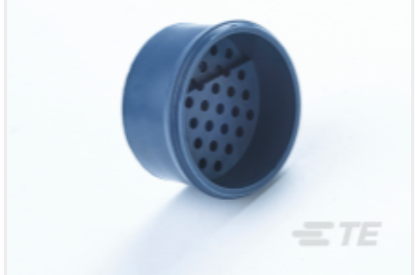
TE Part #1969605-2
2P PM PLUG VAL-U-LOK PM GW



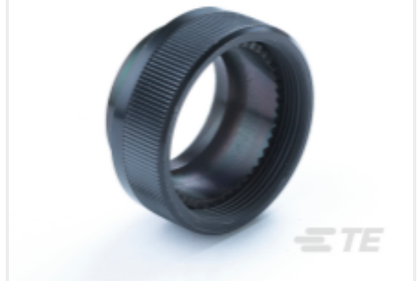
TE Part #2301996-8
RJ45 JACK INT.MAG. 1GB LED 1X2



TE Part #Y5015-000000077956
GROMMET



TE Part #Y5015-000000077955
GROMMET



TE Part #Y5015-000000078029
LOCKING BACK NUT

TE Part #3-647047-4
04P MTA100 HDR ASSY POL HT LF

TE Part #5-2176364-1
RQ 0402 15K4 0.1% 10PPM 5K RL

Documents

Product Drawings

2.5 M.I.S REC ASSY 3P BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_177534-3_W_c-177534-3-w.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_177534-3_W_c-177534-3-w.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_177534-3_W_c-177534-3-w.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

INSULATION DISPLACEMENT TERMINATION OF METRIC INTERCONNECT SYSTEM

English

Application Specification

English

INSULATION DISPLACEMENT TERMINATION OF METRIC INTERCONNECT SYSTEM

Japanese

Application Specification

Japanese

Agency Approvals

CSA Certificate

English