



MIS

TE Internal #: 177534-3

Connector Assembly, Receptacle, Wire-to-Board, 3 Position, 2.5 mm [.098 in] Centerline, Insulation Displacement (IDC), 1 Row, Black, Wire & Cable, MIS

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **3**

Centerline (Pitch): **2.5 mm [.098 in]**

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
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Body Features

Primary Product Color	Black
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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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]
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Operation/Application

Circuit Application	Signal
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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>

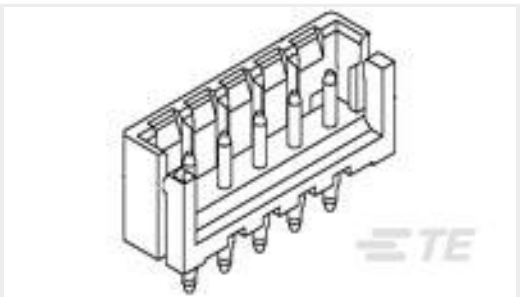
Compatible Parts



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



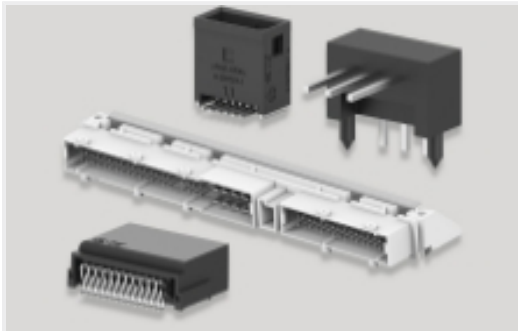
TE Part # 58338-1
MTA 50/100/156 PNEUMATIC BENCH MOUNT



Also in the Series | MIS



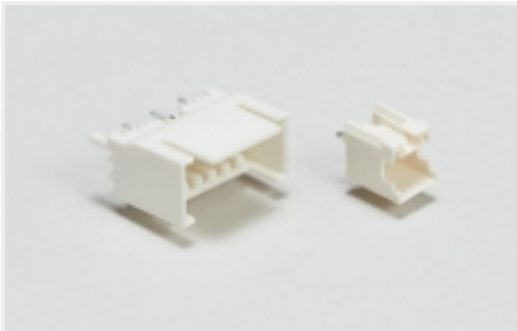
Connector Contacts(1)



PCB Headers & Receptacles(23)



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



Wire-to-Board Headers & Receptacles
(23)

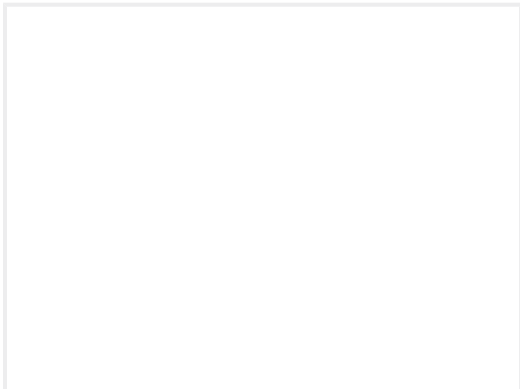
Customers Also Bought



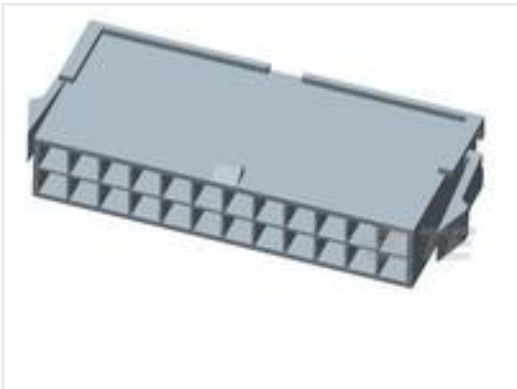
TE Part #2301996-8
RJ45 JACK INT.MAG. 1GB LED 1X2



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



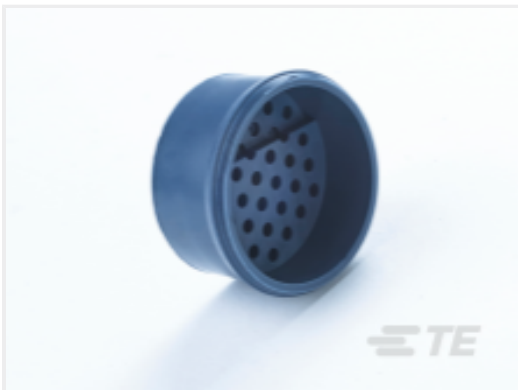
TE Part #EC9902-000
ZHD-SCE-1K-12.7-50-9



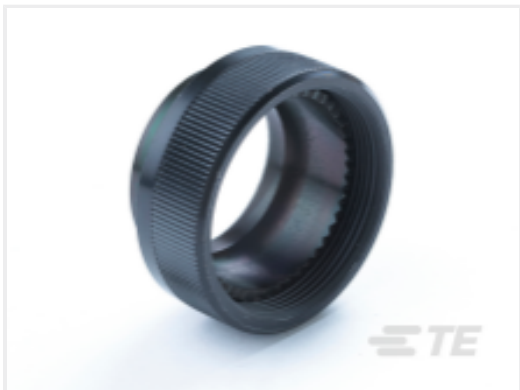
TE Part #1969605-2
2P PM PLUG VAL-U-LOK PM GW



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



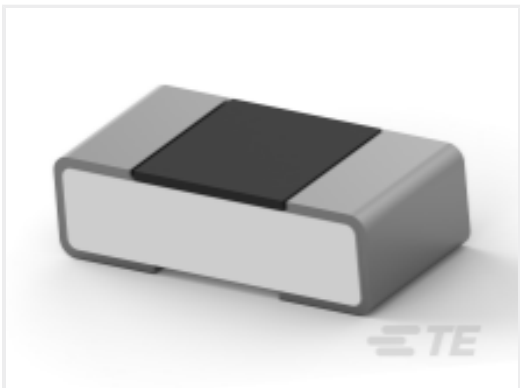
TE Part #Y5015-000000077955
GROMMET



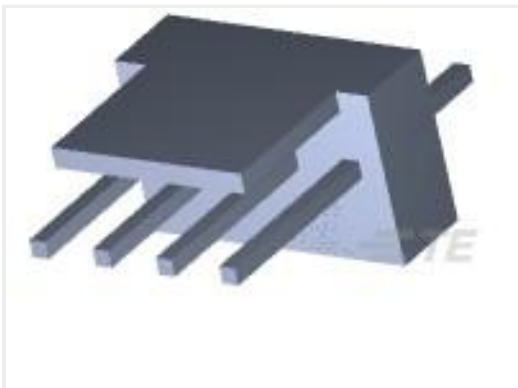
TE Part #Y5015-000000078029
LOCKING BACK NUT



TE Part #Y5015-000000077956
GROMMET



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



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

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