



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, 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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Contact Features

Contact Retention Within Housing	With
Contact Type	Socket
Contact Base Material	Phosphor Bronze



Contact Current Rating (Max)	3.5 A
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

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

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

Connector Length	10 mm [.394 in]
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Connector Height	10.31 mm [.406 in]
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Accepts Wire Insulation Diameter Range	1 – 1.5 mm [.039 – .059 in]
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Wire Size	.08 – .21 mm ²
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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

CSA Rating	Certified
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UL Flammability Rating	UL 94V-0
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Agency/Standard	CSA
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CSA File Number	LR 7189
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Packaging Features

Packaging Quantity	1000
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Packaging Method	Bag
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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 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

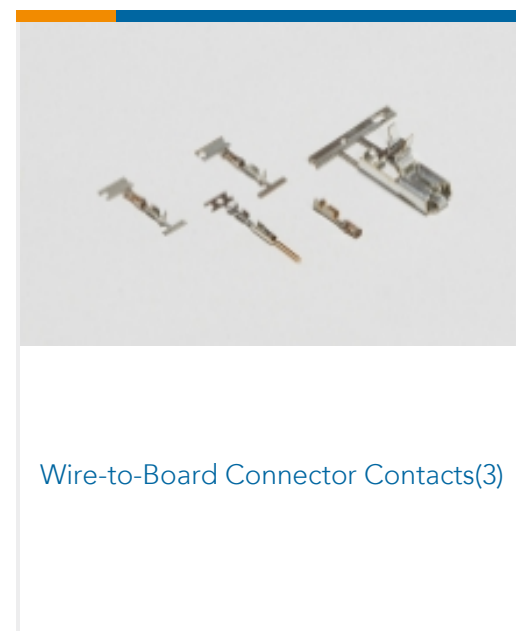
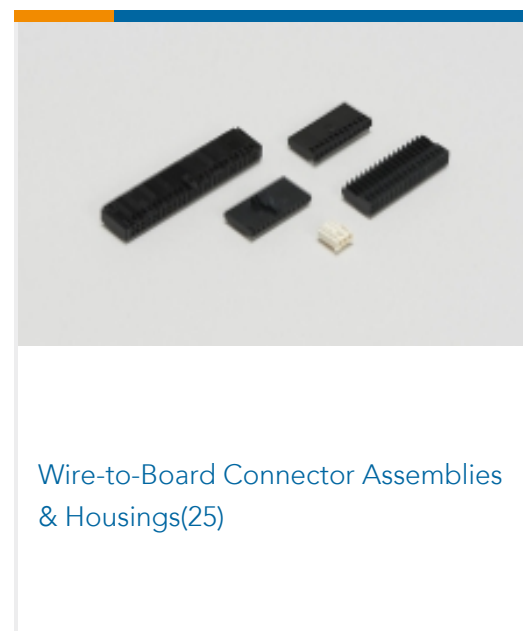
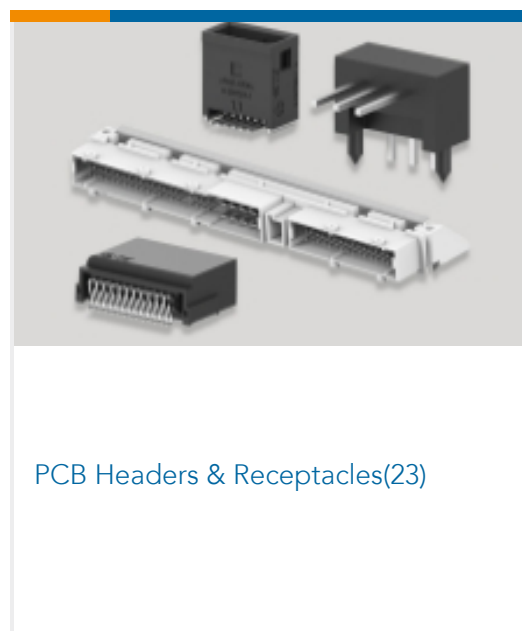
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME</p>	 <p>TE Part # CAT-H857-H34225 AMP HPI 2.5MM HEADERS</p>	 <p>TE Part # 58075-1 MTA 50/100/156 PNEUMATIC TOOL FRAME</p>	 <p>TE Part # 58338-1 MTA 50/100/156 PNEUMATIC BENCH MOUNT</p>
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Also in the Series | MIS



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