



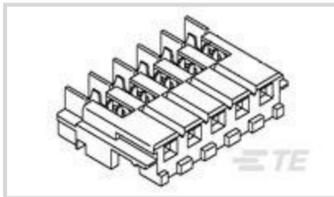
MIS

TE Internal #: 177534-4

Connector Assembly, Receptacle, Wire-to-Board, 4 Position, 2.5 mm [.098 in] Centerline, Insulation Displacement (IDC), 1 Row, Black, MIS

[View on TE.com >](#)

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: **4**

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	4
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

Termination Features

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



Strain Relief	Without
Contact Retention Type Within Housing	Locking Lance
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]
Housing Color	Black

Dimensions

Connector Length	12.5 mm [.492 in]
Connector Height	10.31 mm [.406 in]
Accepts Wire Insulation Diameter Range	1 – 1.5 mm [.039 – .059 in]
Wire Size	.08 – .21 mm ²

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

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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: JUN 2013 (144)

SVHC > Threshold:
Not Yet Reviewed

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



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



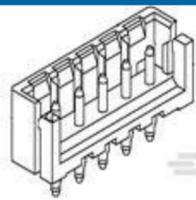
TE Part # CAT-H857-H34225
AMP HPI 2.5MM HEADERS



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



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



TE Part # 2-917500-4
2.5 MIS 4P ASSY BLACK

Also in the Series | MIS



PCB Headers & Receptacles(23)

Wire-to-Board Connector Assemblies
& Housings(25)

Wire-to-Board Connector Contacts(3)

Documents

Product Drawings

2.5 M.I.S REC ASSY 4P BLACK

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_177534-4_W_c-177534-4-w.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_177534-4_W_c-177534-4-w.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_177534-4_W_c-177534-4-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