



TE Internal #: 1-2316374-1
 Housing for Female Terminals, Wire-to-Board, 48 Position, .098 in [2.5 mm] Centerline, Black, Wire & Cable, Cable Mount (Free-Hanging)

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Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board**
 Number of Positions: **48**
 Connector & Housing Type: **Housing for Female Terminals**
 Centerline (Pitch): **2.5 mm [.098 in]**
 Sealable: **No**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Contact Retainer

Configuration Features

Number of Positions	48
Number of Rows	6

Body Features

Primary Product Color	Black
Connector & Keying Code	F

Contact Features

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Contact Size	1.2mm
Contact Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
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Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Other

Connector Position Assurance Capable	No
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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	<p>Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part)</p> <p>Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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-M4595-T273
MCON Receptacle and Tab



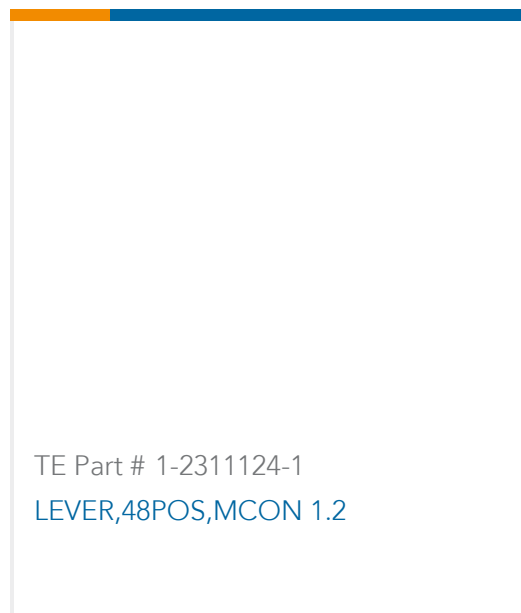
TE Part # 1-1579001-3
DIE FOR 1,2MM CONTACT



TE Part # 1-2311123-1
REC CONN CVR,48POS,MCON 1.2,45 DEG



TE Part # 2-1579008-1
EXTRACTION TOOL



TE Part # 1-2311124-1
LEVER,48POS,MCON 1.2

Customers Also Bought



TE Part #2-330648-1
PIDG 22-16 22-18 MIL R 4; TAPE



TE Part #788189-2
CPC 17-3 RCPT ASY,REV SEX



TE Part #2177090-3
STEEL, OUTER FERRULE, 8MM HV, 25SQMM



TE Part #1-1633961-2
CRIMPER, INSULATION F PREMIUM



Documents

Product Drawings

48POS,MCON 1.2,REC HSG ASSY,SLD,COD NEUT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2316374-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2316374-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2316374-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English