



Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board, Wire-to-Wire**
Number of Positions: **58**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **2.5 mm, 3 mm, 5 mm [.098 in, .118 in, .196 in]**
Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	58
Number of Rows	4

Electrical Characteristics

Operating Voltage	14 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°, 90°
Primary Product Color	Black
Connector & Keying Code	Neutral

Contact Features

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Contact Size	1.2mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	1.2 mm, 2.8 mm[.047 in][.11 in]
Contact Current Rating (Max)	13 A, 25 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	2.5 mm, 3 mm, 5 mm[.098 in][.118 in][.196 in]

Dimensions

Connector Height	35.7 mm[1.406 in]
Product Width	42 mm[1.654 in]
Product Length	61.9 mm[2.437 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	156
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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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 2024 (240) 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) 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.
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 # 1452426-1
EXTRACTION TOOL



TE Part # 1579007-1
AUSDRUECKWERKZEUG



TE Part # 1452421-1
58 POS. CONNECTOR COVER 90 ASSY



TE Part # 1452416-1
58POS CONNECTOR COVER 180 ASSY





TE Part # 1452408-2
SECONDARY LOCK FOR 58 POS
CONN



TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB




TE Part # CAT-M4595-T273
MCON Receptacle and Tab



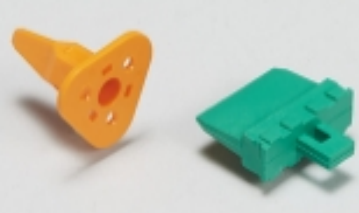
TE Part # 1452409-2
SECONDARY LOCK FOR 58 POS
CONN

Also in the Series


MCON Interconnection System




Automotive Connector Caps & Covers
(21)




Automotive Connector Locks &
Position Assurance(11)




Automotive Housings(288)




Automotive Terminals(104)



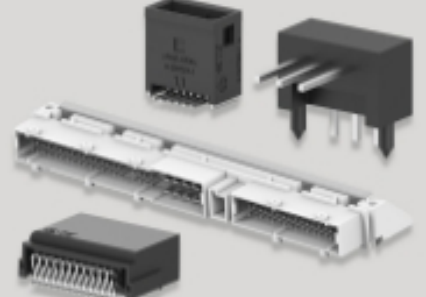
Connector Seals & Cavity Plugs(11)



Insertion & Extraction Tools(31)



Other Automotive Connector
Accessories(2)



PCB Headers & Receptacles(2)

Customers Also Bought



TE Part # 1379659-4
TH/.025 CONNECTOR SYSTEM,
HOUSING



TE Part # 1452388-1
2 LOCKING DEV1.2



TE Part # 1-338070-0
MICRO-MATCH FEM.SE



TE Part # 1801614-3
4 MINIFUSES CLIPSHUNT (2,5-4)



TE Part # 1801619-1
RELAY 70A HOLDER



TE Part # 1801620-2
2 MICRORELAYS HOLDER



TE Part # 2112058-6
8POS, YES 1.5, SOCK HSG, ASSY,
SEALED



TE Part # 7-1393448-7
50P COVER CAP



Documents

CAD Files

Customer View Model
[ENG_CVM_CVM_9-1563172-9_D.2d_dxf.zip](#)
English

3D PDF

3D
Customer View Model
[ENG_CVM_CVM_9-1563172-9_D.3d_igs.zip](#)
English

Customer View Model
[ENG_CVM_CVM_9-1563172-9_D.3d_stp.zip](#)
English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[MCON Interconnection System](#)
English

Product Specifications

[Application Specification](#)
English