



Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **4**

Connector & Housing Type: **Housing for Female Terminals**

Centerline (Pitch): **4.1 mm [.161 in]**

Sealable: **No**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VAC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Natural



Contact Features

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

Mechanical Attachment

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

Housing Features

Housing Material	PA GF
Centerline (Pitch)	4.1 mm[.161 in]

Dimensions

Connector Height	26.5 mm[1.043 in]
Product Width	15 mm[.591 in]
Product Length	14.2 mm[.559 in]
Row-to-Row Spacing	4.1 mm[.161 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Compatible With Agency/Standards Products	GMW3191
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	1500
Packaging Method	Carton

Other

Serviceable	No
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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	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 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 # 2278701-1  
12POS,TAB1.0X0.6,HDR ASSY,180DEG

Customers Also Bought



TE Part #1743161-2  
CLIP HSG FOR 025 CONN 12P

TE Part #2208340-1  
MOS, CONNECTOR HOUSING

TE Part #2203701-2  
2POS, MCON 1.2 CB TAB 2p TL  
UNSEALED

TE Part #2272160-3  
2POS, MCON 1.2 CB TAB 2p TL  
UNSEALED

TE Part #2278770-2  
8P SOCKET HOUSING

TE Part #2387380-1  
Lidar Plug, Matenet+Power+signal,  
cod A

TE Part #1438299-7  
GET MALE TERM, A, AG

TE Part #1-1534121-2  
MOS ABDECKKAP6P, BR

TE Part #2406632-1  
FAHHnet GAC A58 SQUIB AK2 90D  
PIGTAIL

Documents

Product Drawings  
4P SOCKET HOUSING

English

CAD Files  
3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_2278770-1\_B.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_2278770-1\_B.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_2278770-1\_B.3d\_stp.zip

English

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Product Specifications



MCON 12P Through Wall Connector

English