

4-1456426-1 ✓ ACTIVE

MCON | MCON 1.2mm

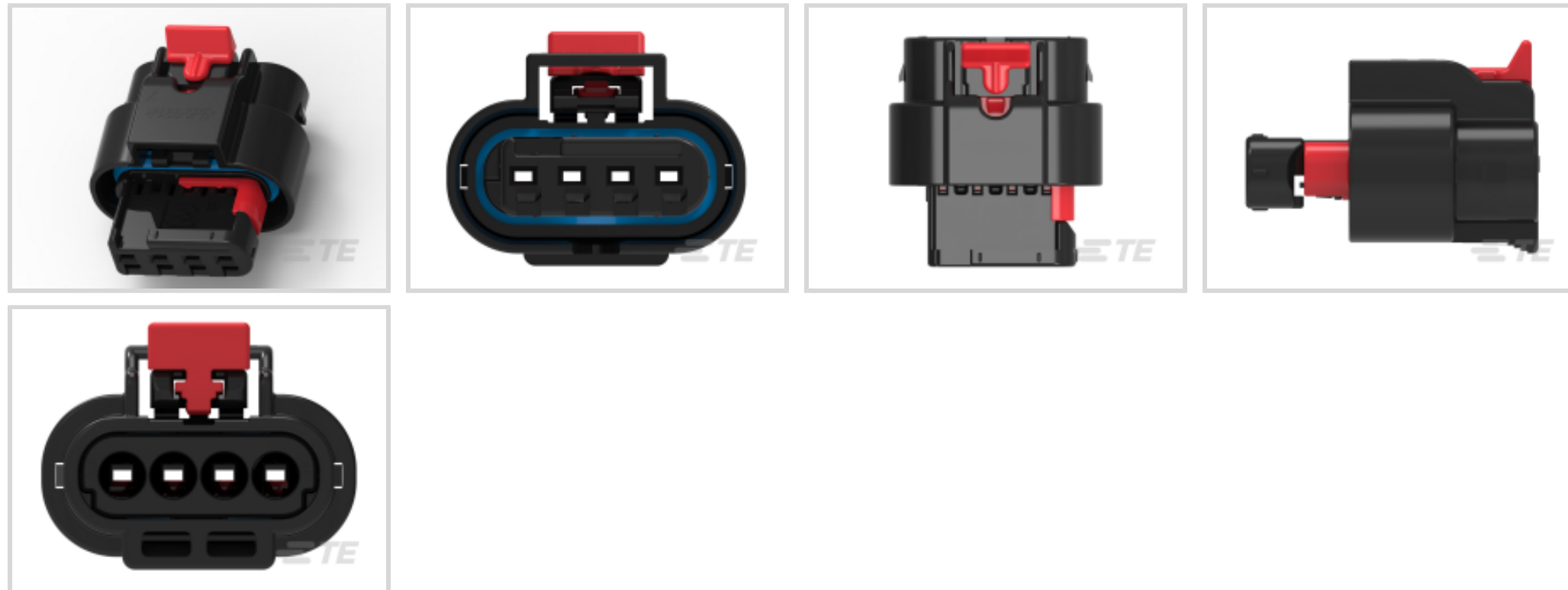
TE Internal #: 4-1456426-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 4 Position, 4 mm [.157 in] Centerline, Sealable, Black, MCON 1.2mm

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**

Number of Positions: **4**

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

Centerline (Pitch): **4 mm [.157 in]**

Sealable: **Yes**

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	1

Housing Features

Centerline (Pitch)	4 mm [.157 in]
Housing Material	PA GF



Contact Features

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

Body Features

Primary Product Color	Black
Connector & Keying Code	A

Operation/Application

Circuit Application	Signal
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With

Usage Conditions

Operating Temperature (Max)	130 °C, 80 °C, 125 °C, 105 °C, 90 °C, 100 °C, 85 °C, 75 °C, 150 °C, 145 °C, 70 °C, 140 °C, 110 °C, 120 °C[293 °F][248 °F][221 °F][167 °F][158 °F][266 °F][257 °F][230 °F][176 °F][194 °F][302 °F][185 °F][284 °F][212 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Electrical Characteristics

Nominal Voltage Architecture	12 V
Operating Voltage	12 VDC

Other

Connector Position Assurance Capable	Yes
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	Yes

Dimensions

Product Width	26.5 mm[1.043 in]
Product Length	24.7 mm[.972 in]



Connector Height	17.5 mm[.689 in]
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Industry Standards

IP Rating	IP67
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Packaging Features

Packaging Quantity	1000
Packaging Method	Box

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 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 # CAT-NC1-NMA12
NextGen & NextGen Plus MCON 1.2
Locking Lance Single Wire Seals and
Cavity Plugs




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


Also in the Series | **MCON 1.2mm**



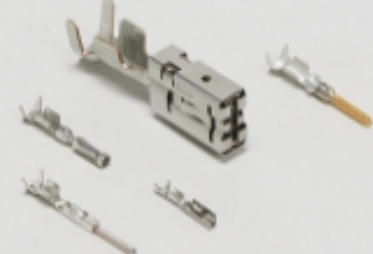
Automotive Connector Caps & Covers
(18)




Automotive Connector Locks &
Position Assurance(10)




Automotive Housings(324)




Automotive Terminals(93)



Connector Seals & Cavity Plugs(13)



Insertion & Extraction Tools(5)



Other Automotive Connector
Accessories(7)

Customers Also Bought



TE Part #DT04-3P-LE08
REC, 3P, GRY, N, XCAP, FLANGE



TE Part #1-1456426-1
4POS, MCON 1.2 CB REC 2p TL
SEALED



TE Part #61368-1
250 FASTON REC 24-20 AWG TPBR



TE Part #969028-2
TAB A 1.6x0.6 CONTACT CF SWS Sn



TE Part #1670146-3
MCON 1.2 CB REC SWS AG



TE Part #1-2282364-1
AMP MCP 2.8, CONTACT SWS
LANCELESS



TE Part #NB32776001
ATUM-6/2-0-50MM



TE Part #1-1924067-5
2POS, MCON 1.2 CB REC 2p TL
SEALED



Documents

Product Drawings

[4POS, MCON 1.2 CB REC 2p TL SEALED](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_4-1456426-1_B.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_4-1456426-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1456426-1_B.3d_stp.zip](#)

English

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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English