

1-1456426-1 ✓ ACTIVE

MCON | MCON 1.2mm

TE Internal #: 1-1456426-1

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

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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
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
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Connector & Keying Code	A
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Operation/Application

Circuit Application	Signal
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Mechanical Attachment

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

Operating Temperature (Max)	130 °C, 125 °C, 80 °C, 105 °C, 100 °C, 90 °C, 85 °C, 75 °C, 70 °C, 145 °C, 150 °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][185 °F][284 °F][302 °F][212 °F]
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Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]
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Other

Connector Position Assurance Capable	No
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EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Serviceable	Yes
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Dimensions

Product Width	26.5 mm[1.043 in]
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Product Length	24.7 mm[.972 in]
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Connector Height	17.5 mm[.689 in]
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Industry Standards

IP Rating	IP67
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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
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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

TE Part # 1456427-1
4 Pos Sld 1.2mm cb MCON Key A in-hsg

TE Part # 1924956-2
4 Pos Sld 1.2mm cb MCON Peri Seal 40 Dur

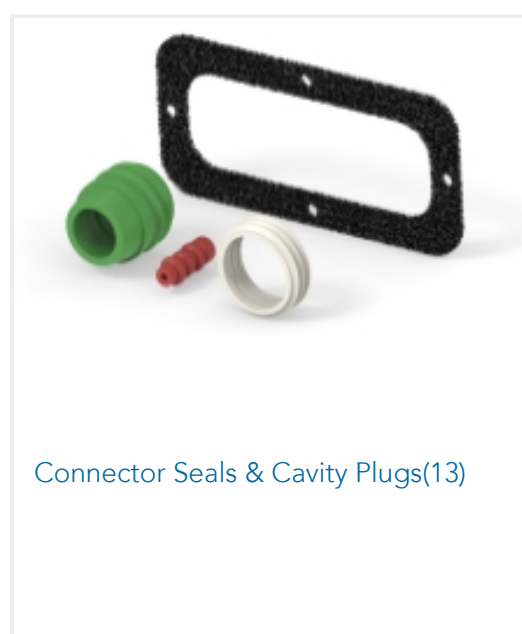
Also in the Series | MCON 1.2mm

Automotive Connector Caps & Covers (18)

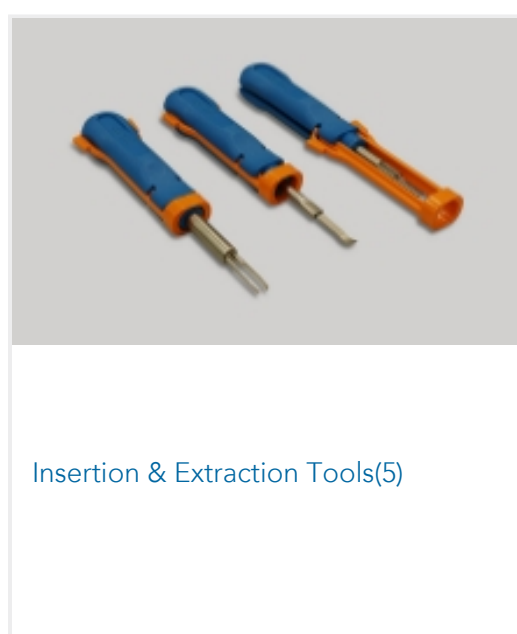
Automotive Connector Locks & Position Assurance(10)

Automotive Housings(324)

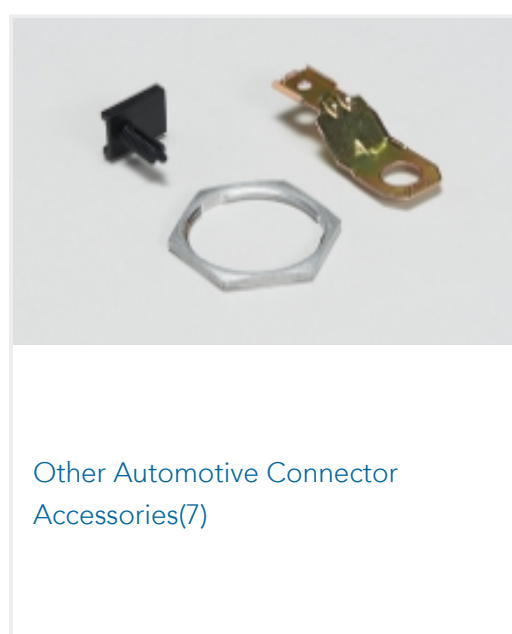
Automotive Terminals(93)



Connector Seals & Cavity Plugs(13)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(7)

Customers Also Bought

TE Part #HD36-18-14SE-072
PLG, 14P, AL, E, THD ADPT, DRAIN, 16, STE Part #2098557-1
2POS, MCON 1.2 CB REC 2p TL SEALEDTE Part #1670146-1
MCON Receptacle and TabTE Part #2320921-3
AS16,PLUG ASSY,HT,03P,N SEAL, CODE CTE Part #2364151-1
SPE T1 Industrial RA JACK IP20TE Part #1-1456426-6
4POS, MCON 1.2 CB REC 2p TL SEALEDTE Part #1981561-2
0.50 SERIES CAVITY PLUGTE Part #1-1452721-1
Low & Medium Power Header

Documents

Product Drawings

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

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-1456426-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1456426-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1456426-1_B.3d_stp.zip](#)

English

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Instruction Sheets

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

English

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

English