1-1456426-6 ✔ ACTIVE

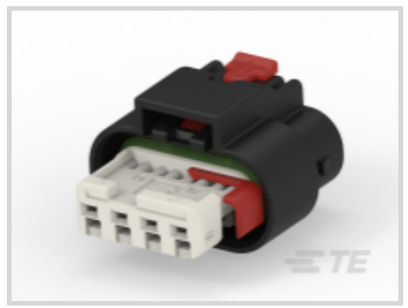
MCON | MCON 1.2mm

TE Internal #: 1-1456426-6

12 V / 24 V / 48 V, 4 Position, Automotive Housing for Female Terminals, Wire-to-Board, 4 mm [.157 in] Centerline, Sealable, Brown, MCON 1.2mm

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > 48V Ready 1.2mm Sealed Connectors







Nominal Voltage Architecture: **12 V, 24 V, 48 V**

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

Number of Positions: **4**

Sealable: **Yes**

Operating Temperature Range: **-40 – 150 °C, -40 – 130 °C, -40 – 170 °C [-40 – 338 °F, -40 – 302 °F, -40 – 266 °F]**

All 48V Ready 1.2mm Sealed Connectors (183)

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

Primary Product Color	Brown
Connector & Keying Code	B

Contact Features

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

Mechanical Attachment

Strain Relief	Without
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 mm[.157 in]

Dimensions

Product Width	26.5 mm[1.04 in]
Product Length	24.7 mm[.972 in]
Connector Height	17.5 mm[.689 in]

Usage Conditions

Operating Temperature Range	-40 – 150 °C, -40 – 130 °C, -40 – 170 °C[-40 – 338 °F][-40 – 302 °F][-40 – 266 °F]
Operating Temperature (Max)	130 °C, 150 °C, 170 °C[266 °F][302 °F][338 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

IP Rating	IP67

Other

Serviceable	Yes

Connector Position Assurance Capable	Yes

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1456427-2
4 Pos Sld 1.2mm cb MCON Key B

TE Part # 2343826-2
T40MC2 POSITION SENSOR

TE Part # 1456429-1
4 Pos Sld 1.2mm cb MCON TPA



TE Part # 967067-2
MQS EINZELLEITDICHT



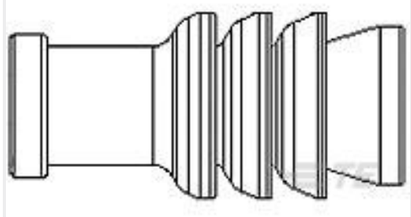
TE Part # 963143-1
MQS BLINDSTOPFEN



TE Part # 964972-1
EINZELLEITERDICHTNG



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



TE Part # 967067-1
MQS SGL WIRE SEAL



TE Part # 967056-1
MQS BLINDSTOPFEN4MM

Also in the Series | MCON 1.2mm



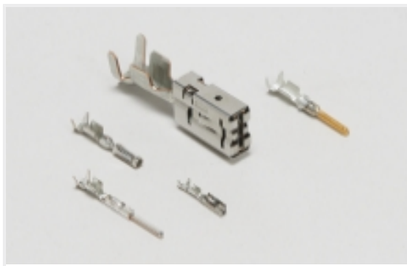
Automotive Connector Caps & Covers (15)



Automotive Housings(354)



Automotive Seals & Cavity Plugs(16)



Automotive Terminals(90)

Customers Also Bought



TE Part #184392-1
2X2 PLG ASY, KEY A, W/O CPA C3



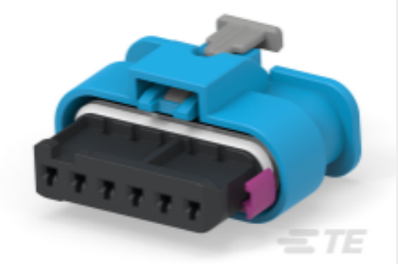
TE Part #185001-6
4P TAB JPT HOUSING



TE Part #969079-2
TAB A 1.6x0.6 CONTACT CF SRC Sn



TE Part #1897635-2
ECU 60P PLG ASS'Y



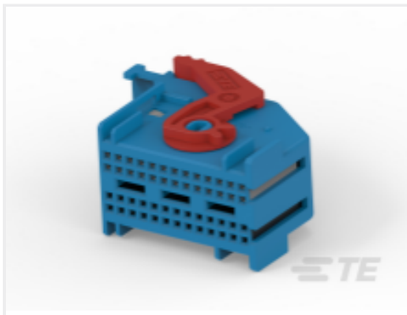
TE Part #CAT-N14-RC4812
48V Ready 1.2mm Sealed Connectors



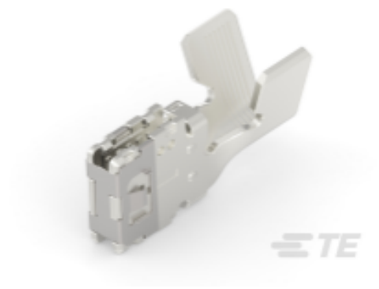
TE Part #184400-1
2X2 PLUG ASSY, G KEY, CLASS 3,



TE Part #284723-1
COVER FOR 60 POS RECEPTACLE HO



TE Part #2209477-2
KIT ASS'Y FOR 52POS.MQS FEMALE CONNECTOR



TE Part #2400163-1
CSJ12 TERMINAL CRIMP 90D, ASSEMBLLY

Documents

Product Drawings

4POS, MCON 1.2 CB REC 2p TL SEALED

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1456426-6_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1456426-6_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1456426-6_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