1-1564559-2 ✔ ACTIVE

MCON | MCON 1.2mm

TE Internal #: 1-1564559-2

Housing for Male Terminals, Wire-to-Wire, 4 Position, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Power, MCON 1.2mm

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > MCON 1.2, 1-row, 2-8 POS TAB Housing, Sealed







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

Number of Positions: **4**

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

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

Sealable: **Yes**

All MCON 1.2, 1-row, 2-8 POS TAB Housing, Sealed (20)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	14 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.2mm
Contact Type	Tab
Contact Current Rating (Max)	25 A

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	16.3 mm[.642 in]
Product Width	44 mm[1.732 in]
Product Length	24.2 mm[.953 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	Power

Industry Standards

UL Flammability Rating	UL 94HB

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
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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 1-1718645-1
4POS, MCON 1.2 LL REC SEALED



TE Part # 1-1670918-1
4POS, MCON 1.2 LL REC SEALED



TE Part # 1-2378604-1
4POS,NEXTGEN, MCON 1.2 LL REC, SLD,COD A



TE Part # 3-1579028-8
EXTRACTION TOOL

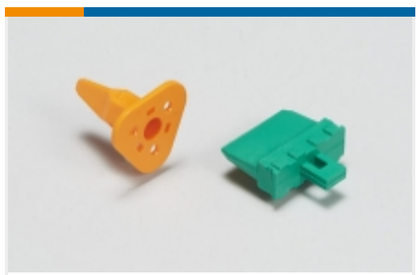


TE Part # 3-1579028-5
TOOL FOR SECONDARY LOCK

Also in the Series | MCON 1.2mm



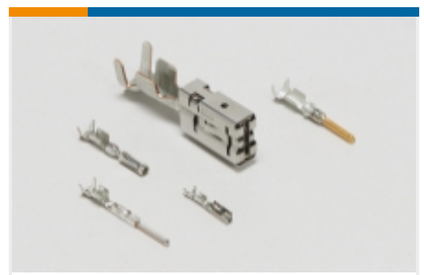
Automotive Connector Caps & Covers (18)



Automotive Connector Locks & Position Assurance(10)



Automotive Housings(328)



Automotive Terminals(96)



Connector Seals & Cavity Plugs(11)

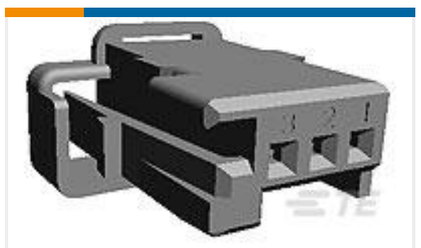


Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(7)

Customers Also Bought



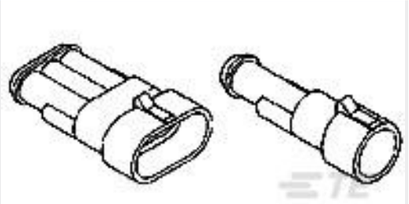
TE Part #953697-2
3POS MQS REC



TE Part #284858-1
12 POS MALE HOUSING ASS'Y



TE Part #2141900-2
MT2 A REC 1.6 Contact SRC Sn



TE Part #282106-2
AMP SUPERSEAL 1.5 SERIES 4P CA



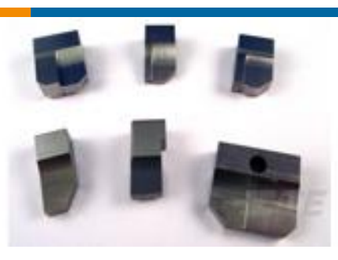
TE Part #1-1752057-8
CRIMPER, WIRE, STEPPED (.062)



TE Part #1801176-3
2W RECEPTACLE HPSL CONNECTOR GREY



TE Part #2005039-2
SLOT CLIP HSG FOR FAKRA



TE Part #4-1333202-8
ANVIL, COMBINATION .062



TE Part #1-1355524-3
MQS ABDECKKAPPE 12P



TE Part #1801174-6
2W TAB HP CONNECTOR BROWN

Documents

Product Drawings

4POS, MCON 1.2 LL TAB SEALED COD A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1564559-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1564559-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1564559-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1-962915-1 2310537-1 3631B101LL CPF0402B37K4E1 175977-2 650075-000 U5254-000005-030PA 2834055-1 141991-2 1903112-2 CRGCQ2010J3K3 SMW73R0JT TE50BR39J 917696-1 1-794222-0 1393431-1 3430B2F51RTDF 1743455-2 2005330-1 936348-1 RH73H2A40MKTN ROX05SJ18R SBCHE64R7K 2380312-2 1969656-1 2-292161-3 MPT100C18RF 3-1393225-0 SBCHE154R7K 2377783-2