7-1452668-3 ✔ ACTIVE

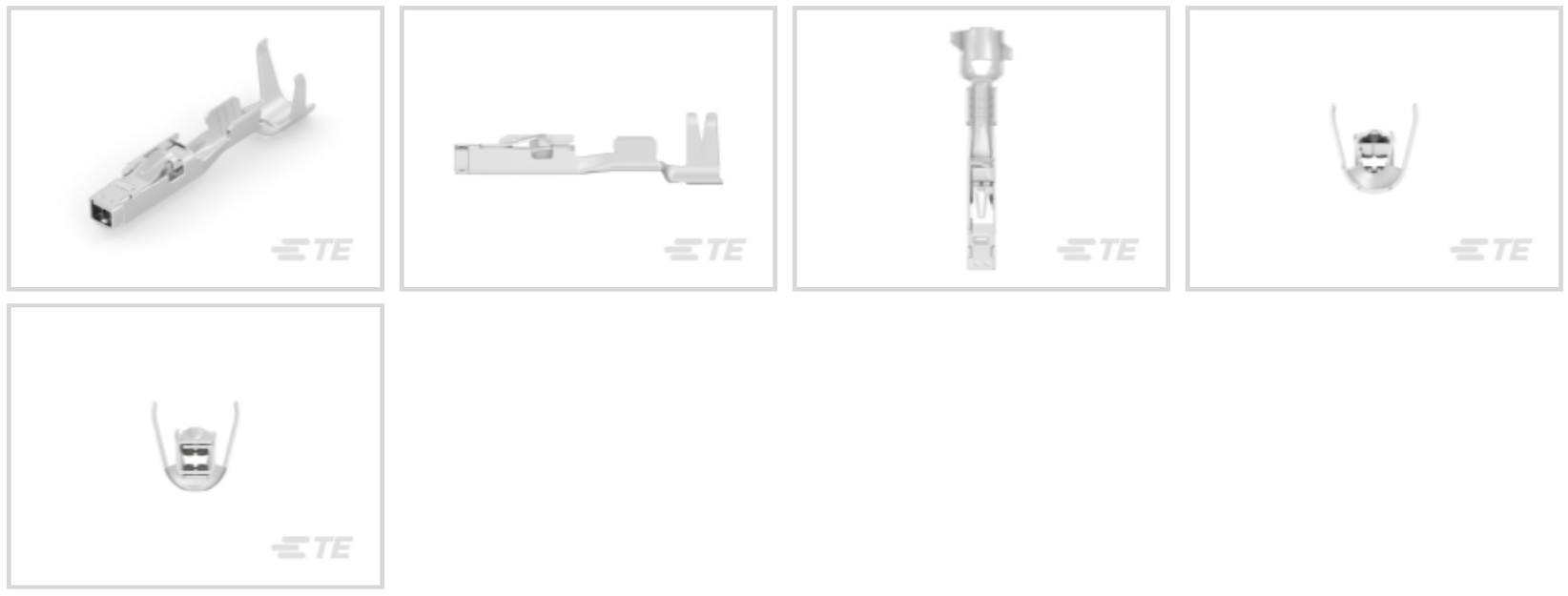
MCON | MCON 1.2mm

TE Internal #: 7-1452668-3

Receptacle Terminal, 20 – 18 AWG, .5 – .75 mm² Wire, 1.2 mm [.047 in] Tab Width, Silver (Ag), Sealable, .6 mm [.024 in] Tab Thickness, MCON 1.2mm

View on TE.com >

Automotive Parts > Automotive Terminals > MCON 1.2 48V Locking Lance Receptacle and Tab Terminals



Terminal Type: **Receptacle**

Wire Size: **20 – 18 AWG**

Mating Tab Width: **1.2 mm [.047 in]**

Interface Plating: **Silver (Ag)**

All MCON 1.2 48V Locking Lance Receptacle and Tab Terminals (3)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)

Contact Features

Typical Current Rating	16 A
Crimp Type	F-Crimp
Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]

Interface Plating	Silver (Ag)
Mating Tab Thickness	.6 mm[.024 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.4 – 1.9 mm[.055 – .074 in]
Wire Size	20 – 18 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm²
Tab Length	16 mm[.63 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)

Industry Standards

Compatible With Agency/Standards Products	LV214

Packaging Features

Packaging Method	Reel
Packaging Quantity	6000

Other

Terminal Transmits	0 – 24 A (Low Power)

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: JUNE 2025 (250) 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 reviewed for solder process capability

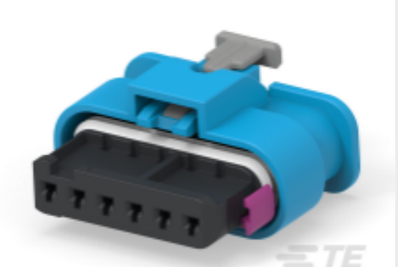
Product Compliance Disclaimer

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 # 5-2151036-1
OCEAN_2.0_APPLICATOR-S-055F125O-RSM



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



TE Part # 2-1718644-1
3POS, MCON 1.2 LL REC SEALED



TE Part # 2-1718643-1
2POS, MCON 1.2 LL REC SEALED



TE Part # 1-2286471-1
4POS, MCON 1.2 LL REC SEALED



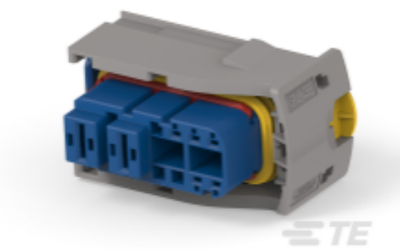
TE Part # 1-2236896-3
2POS, MCON 1.2 LL REC SEALED



TE Part # 2-2236898-1
5POS, MCON 1.2 LL REC SEALED



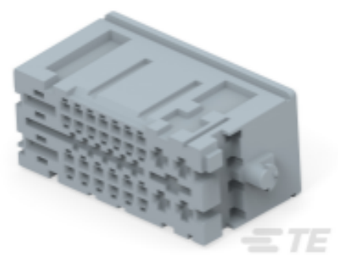
TE Part # 1-1670919-1
6POS, MCON 1.2 LL REC SEALED



TE Part # 1-2141564-0
10POS, MIXED,REC HSG,ASSY, SEALED,BU



TE Part # 2063537-1
SDE MCON1.2 0.5-0.75mm2 ASSY



TE Part # 2236047-2
32POS,MIXED,RECEPTACLE CONNECTOR,COD B



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 1801600-4
RECEPTACLE HOUSING, MCON, 10 W, SEALED



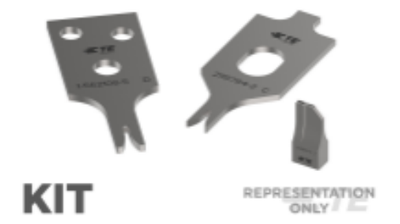
TE Part # 1801600-5
RECEPTACLE HOUSING, MCON, 10 W, SEALED



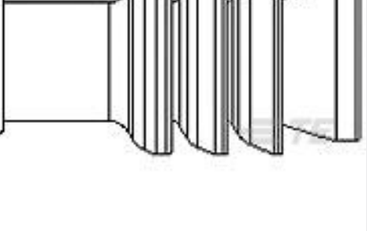
TE Part # 1801600-1
RECEPTACLE HOUSING, MCON, 10 W, SEALED



TE Part # 1-1670920-1
8POS, MCON 1.2 LL REC SEALED



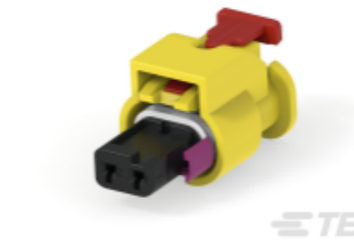
TE Part # 7-2266333-7
OC-055F125O-752-CRIMPTOOLINGKIT



TE Part # 967067-1
MQS SGL WIRE SEAL

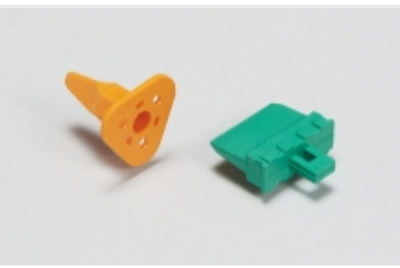


TE Part # CAT-N14-NMRHS1223
NextGen Plus MCON 1.2, 1-row, 2-8 POS REC HSG, Sealed, Sustainable



TE Part # 1-1718643-4
2POS, MCON 1.2 LL REC SEALED

Also in the Series | MCON 1.2mm



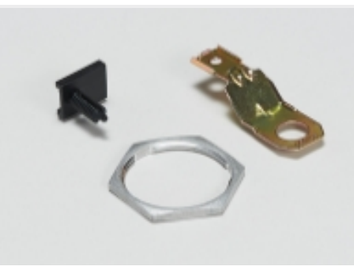
Automotive Connector Locks & Position Assurance(9)



Automotive Seals & Cavity Plugs(16)

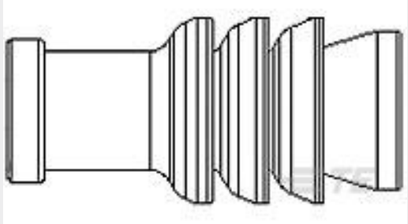


Automotive Signal & Power Connector Housings(349)



Other Automotive Connector Accessories(12)

Customers Also Bought



TE Part #967067-1
MQS SGL WIRE SEAL



TE Part #7-1452665-3
MCON 1.2 LL REC SWS AG



TE Part #CAT-N13-MSLRTT12
MCON 1.2 Locking Lance Receptacle and Tab Terminals



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



TE Part #1803097-2
ANVIL, WIRE



TE Part #1-690438-0
FRONT STRIP GUIDE



TE Part #2261071-1
0.5/1.0/2.8 SEALED CONN 186P CAP ASSY



TE Part #2261071-2
0.5/1.0/2.8 SEALED CONN 186P CAP ASSY

Documents

Product Drawings

MCON 1.2 LL REC SWS AG

German

MCON 1.2 LL REC SWS AG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1452668-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1452668-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1452668-3_A.3d_stp.zip

English

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Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English