



Terminals & Splices > Automotive Terminals > MCON 1.2 Locking Lance Receptacle and Tab Terminals



Terminal Type: **Tab**

Wire Size: **20 – 18 AWG**

Mating Tab Width: **1.2 mm [.05 in]**

Interface Plating: **Silver (Ag)**

[All MCON 1.2 Locking Lance Receptacle and Tab Terminals \(14\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Typical Current Rating	10 A
Crimp Type	F-Crimp
Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Tab
Mating Tab Width	1.2 mm[.05 in]
Interface Plating	Silver (Ag)
Mating Tab Thickness	.62 mm[.02 in]

Termination Features

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Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Dimensions

Compatible Insulation Diameter Range	1.3 – 1.9 mm[.051 – .074 in]
Wire Size	20 – 18 AWG
Tab Length	25.6 mm[1 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
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Packaging Features

Packaging Method	Reel
Packaging Quantity	6000

Other

Terminal Transmits	0 – 24 A (Low Power)
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC

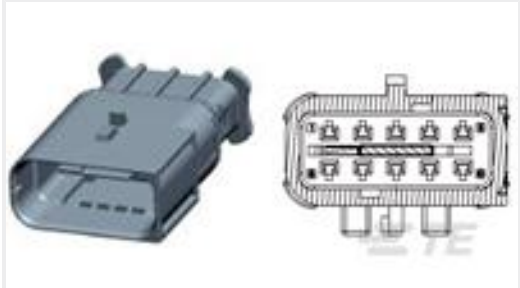
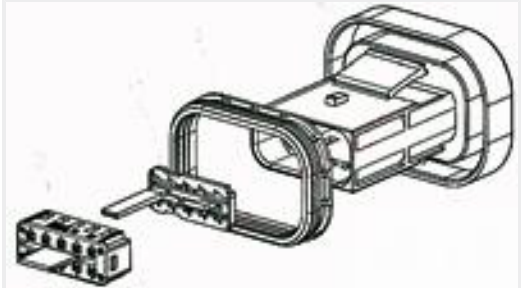
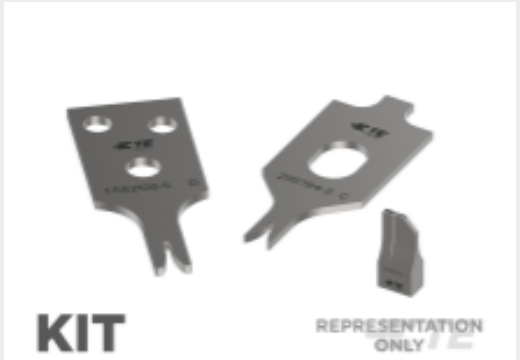


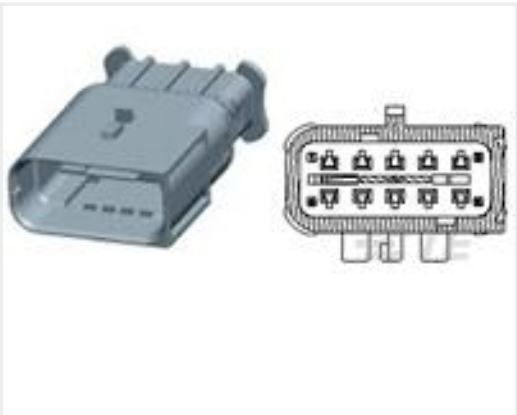
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # 1-2236954-5 5POS, MCON 1.2 LL TAB SEALED COD A	 TE Part # 5-2151477-1 OCEAN_2.0_APPLICATOR-S- 055F125F-RSM	 TE Part # 2151477-1 OCEAN_2.0_APPLICATOR-S- 055F125F-RSM	 TE Part # 1801606-4 TAB HOUSING, MCON, 10 W, SEALED
 TE Part # 1801606-2 TAB HOUSING, MCON, 10 W, SEALED	 TE Part # 1801610-1 BULK HEAD, MCON, 10W, CLIPPED	 TE Part # 7-2151477-7 OCEAN_2.0_SPARE_PART_KIT- 055F125F	 TE Part # CAT-N14-RC4812 48V Ready 1.2mm Sealed Connectors
 TE Part # 2063537-1 SDE MCON1.2 0.5-0.75mm2 ASSY	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 1-2141520-4 5POS, MCON 1.2 LL TAB SEALED COD A	 TE Part # 3-2151477-2 OCEAN_2.0_APPLICATOR-S- 055F125F-SSD



TE Part # 1801606-5
TAB HOUSING, MCON, 10 W, SEALED



TE Part # CAT-NC1-MVA1248
MCON 1.2 48 Volt Accessories



TE Part # 1-1703494-4
3POS, MCON 1.2 LL TAB SEALED
COD A



TE Part # 1-2141324-5
6POS, MCON 1.2 LL TAB SEALED
COD A



TE Part # 7-1452668-3
MCON 1.2 LL REC SWS AG



TE Part # 2-1564559-4
4POS, MCON 1.2 LL TAB SEALED
COD B



TE Part # 1801606-1
TAB HOUSING, MCON, 10 W, SEALED

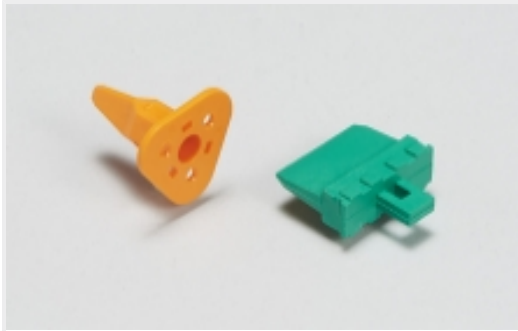


TE Part # 5-1579007-3
EXTRACTION TOOL

Also in the Series | MCON 1.2mm



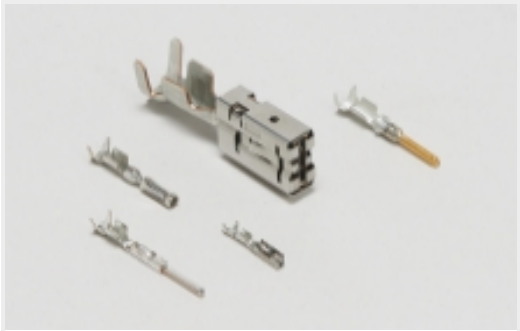
Automotive Connector Caps & Covers
(15)



Automotive Connector Locks &
Position Assurance(10)



Automotive Housings(312)



Automotive Terminals(85)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(5)



Other Automotive Connector
Accessories(8)

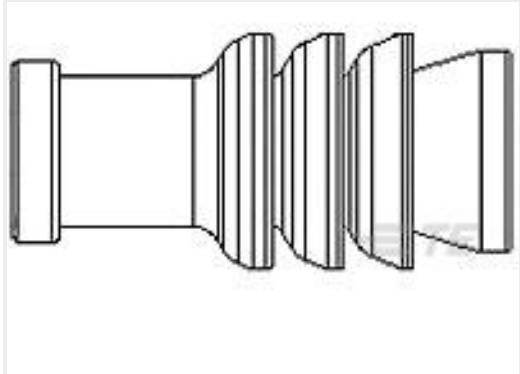
Customers Also Bought



TE Part #1801174-2
2W TAB HP CONNECTOR BLUE



TE Part #1-1456985-2
1X6 Fem unsealed LP assy Key C w
/CPA



TE Part #967067-1
MQS SGL WIRE SEAL



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



Documents

Product Drawings

MCON 1.2 LL TAB SWS AG

English

MCON 1.2 LL TAB SWS AG

English

CAD Files

Customer View Model

ENG_CVM_CVM_1718760-3_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1718760-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1718760-3_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

German

Application Specification

English

Application Specification

English