



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



Terminal Type: **Tab**

Interface Plating: **Gold (Au)**

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

Mating Tab Thickness: **.62 mm [.02 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

[All MCON 1.2 Locking Lance Receptacle and Tab Terminals \(15\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	LV214
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Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, KOMAX Automatic Component Insertion per Version 5.0 (March 2018), Yes, DIN 72036 Automation of Wiring Harness Production per Version June 2024

Packaging Features

Packaging Method	Reel
Packaging Quantity	6000

Usage Conditions

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

Termination Features

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



Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.3 – 1.9 mm[.051 – .074 in]
Wire Size	.5 – .75 mm²
Tab Length	25.6 mm[1 in]

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
Interface Plating	Gold (Au)
Mating Tab Width	1.2 mm[.05 in]
Mating Tab Thickness	.62 mm[.02 in]

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	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 # 5-2151477-1
OCEAN_2.0_APPLICATOR-S-055F125F-RSM

TE Part # 1801606-2
TAB HOUSING, MCON, 10 W, SEALED

TE Part # 7-2151477-7
OCEAN_2.0_SPARE_PART_KIT-055F125F

TE Part # 1801610-1
BULK HEAD, MCON, 10W, CLIPPED

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

TE Part # 2151477-1
OCEAN_2.0_APPLICATOR-S-055F125F-RSM

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

TE Part # 2151477-2
OCEAN_2.0_APPLICATOR-S-055F125F-RSA



TE Part # 2063537-2
SDE MCON1.2 0.5-0.75mm2 DIE SET



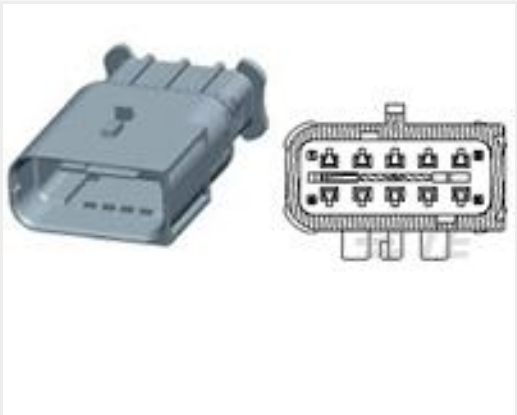
TE Part # 1-1703498-4
2POS, MCON 1.2 LL TAB SEALED COD A



TE Part # 1-2141520-4
5POS, MCON 1.2 LL TAB SEALED COD A



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



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



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



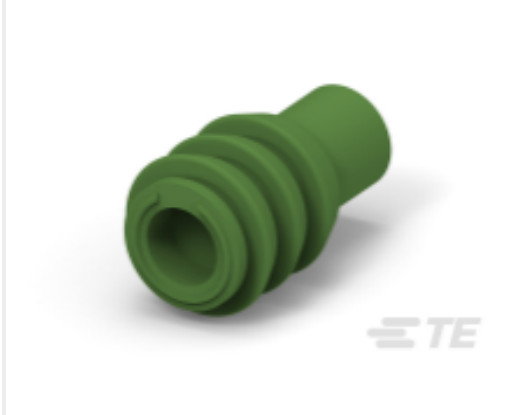
TE Part # 3-2151477-2
OCEAN_2.0_APPLICATOR-S-055F125F-SSD



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



TE Part # 7-1452668-2
MCON 1.2 LL REC SWS AU



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



TE Part # 5-2151477-2
OCEAN_2.0_APPLICATOR-S-055F125F-RSA

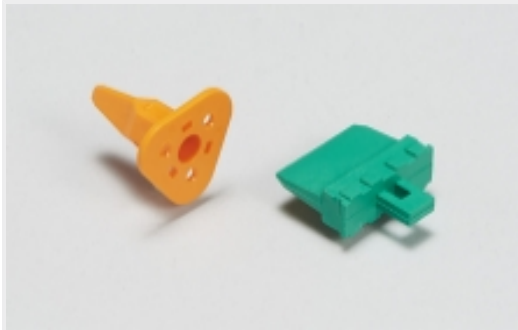


TE Part # 1-1564559-4
4POS, MCON 1.2 LL TAB SEALED COD A

Also in the Series | MCON 1.2mm



Automotive Connector Caps & Covers (18)



Automotive Connector Locks & Position Assurance(10)



Automotive Housings(318)



Automotive Terminals(93)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(5)

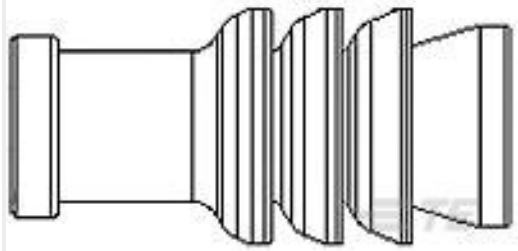


Other Automotive Connector Accessories(7)

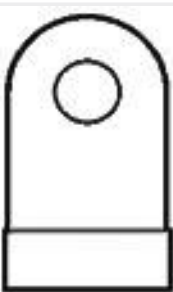
Customers Also Bought



TE Part #DTM04-2P-E003
REC, 2P, GRY, N, CAP



TE Part #967067-1
MQS SGL WIRE SEAL



TE Part #36270
TERMINAL,SOLIS FLAG R 12-10 8



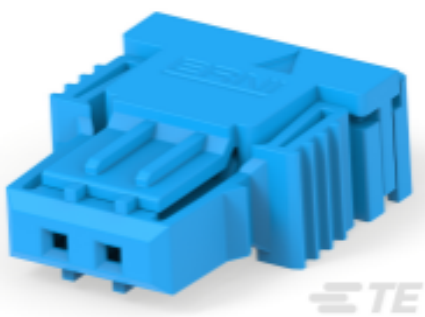
TE Part #53423-1
TERMINAL,PIDG PVF2 R 12-10 6



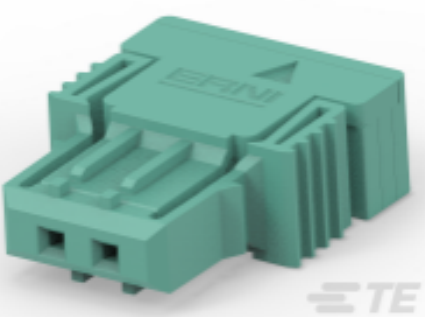
TE Part #0460-202-2031
PIN, SOLID, SIZE 20, 20AWG, AU



TE Part #1-1703498-3
2POS, MCON 1.2 LL TAB SEALED
COD A



TE Part #364199-E
SRCBUG A 2,54 2 2 CSI 163 E1 ADV J
2 324



TE Part #364200-E
SRCBUG A 2,54 2 2 CSI 164 E1 ADV J
2 324



TE Part #1-215083-0
MICRO-MATCH MOW.10P

TE Part #2334467-2
8POS,1.6X0.6,TAB HSG ASSY,SLD,
COD 1

Documents

Product Drawings

MCON 1.2 LL TAB SWS AU

English

MCON 1.2 LL TAB SWS AU

English

CAD Files

Customer View Model

ENG_CVM_CVM_1718760-2_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1718760-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1718760-2_B.3d_stp.zip

English

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Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English