



MCON | MCON 1.2mm

TE Internal #: 5-1418760-1

Tab Terminal, 20 – 18 AWG, .5 – .75 mm² Wire, 1.15 mm [.045 in]

Tab Width, Tin (Sn), .6 mm [.024 in] Tab Thickness, Terminates To

Wire, MCON 1.2mm

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Tab**

Wire Size: **20 – 18 AWG**

Mating Tab Width: **1.15 mm [.045 in]**

Interface Plating: **Tin (Sn)**

[All MCON Receptacle and Tab \(63\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	No

Contact Features

Crimp Type	F-Crimp
Contact Size	1.15mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Tab
Mating Tab Width	1.15 mm[.045 in]
Interface Plating	Tin (Sn)
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 – .075 in]
Wire Size	20 – 18 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm²
Tab Length	25.5 mm[1.003 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °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	9000

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

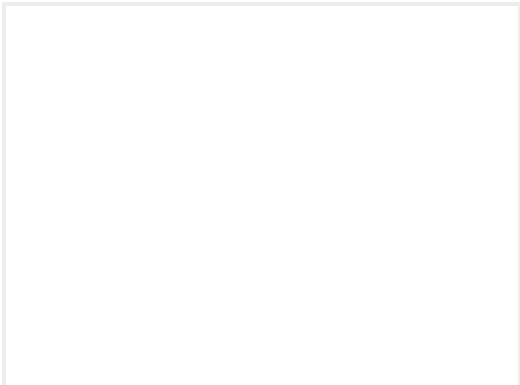
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

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 # 2236046-8 32POS, MIXED, MALE CONN., CLIP2, COD B	 TE Part # 5-2151300-2 OCEAN_2.0_APPLICATOR-S-055F072SP-RSA	 TE Part # 2382874-2 16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD B	 TE Part # 2320771-1 HVP800 HEADER
 TE Part # 7-1452656-1 MCON 1.2 LL REC SRC SN	 TE Part # 2484266-1 33POS,HYBRID,TAB HSG ASSY, UNSLD,COD A	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2366066-2 48POS,MCON 1.2,TAB HSG ASSY, UNSLD,COD B
 TE Part # 2366066-6 48POS,MCON 1.2,TAB HSG ASSY, UNSLD,COD F	 TE Part # CAT-LMPH9507 Low & Medium Power Header	 TE Part # 5-1579007-3 EXTRACTION TOOL	 TE Part # 1-2236046-0 32W, MIXED, MALE CONN.,CLIP2, COD A, CPA



TE Part # 2151300-2
OCEAN_2.0_APPLICATOR-S-055F072SP-RSA



TE Part # 2382878-4
3POS,1.2X0.63,TAB HSG,UNSLD,COD D



TE Part # 5-2151300-1
OCEAN_2.0_APPLICATOR-S-055F072SP-RSM



TE Part # 4151005-2
APPLICATOR TO MAKE LOOSE PIECE-RSA



TE Part # 2484266-2
33POS,HYBRID,TAB HSG ASSY,UNSLD,COD B



TE Part # 1-2236046-1
32W, MIXED, MALE CONN.,CLIP2,COD B, CPA



TE Part # 7-2151300-7
OCEAN_2.0_SPARE_PART_KIT-055F072SP

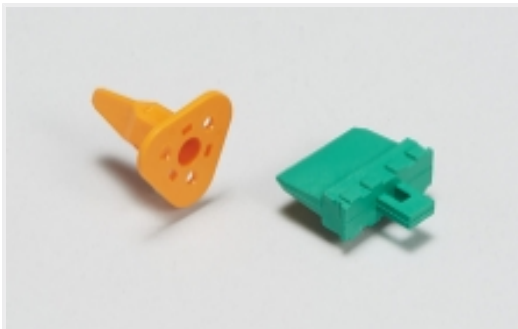


TE Part # 1452657-1
MCON 1.2 LL REC SRC SN LP

Also in the Series | MCON 1.2mm



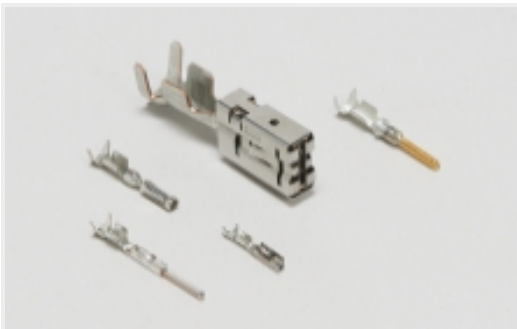
Automotive Connector Caps & Covers (15)



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 #1-2292506-1
34POS,MQS,REC HSG,AND MPQ



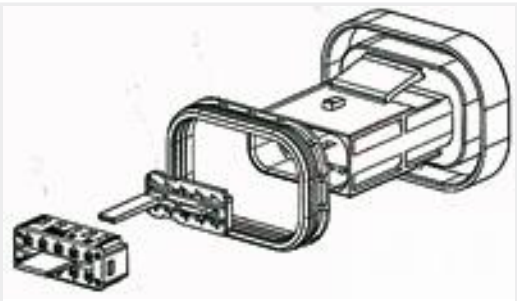
TE Part #5-1241410-1
AMP MCP 6.3/4.8K, CONTACT, SWS



TE Part #581913P006
QS1500-NO.2-F6-0-30MM



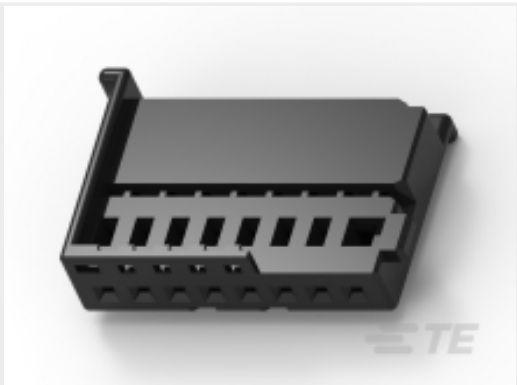
TE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



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



TE Part #1-2292507-1
CONNECTOR,TE,COVER 60 POSITION,ASSY



TE Part #1394139-1
8POS MQS REC



TE Part #1-969489-2
6POS MQS REC COD A



TE Part #346102-2
RING TONGUE 0.5-1.0 MM2 0.6 X 15.2 CUSN

Documents

Product Drawings

MCON 1.2 LL TAB STC SN

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-1418760-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1418760-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1418760-1_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