



MCON | MCON 1.2mm

TE Internal #: 5-1418760-1

Tab Terminal, Tin (Sn), 1.15 mm [.045 in] Tab Width, .6 mm [.024 in]

Tab Thickness, 20 – 18 AWG, .5 – .75 mm² Wire, Terminates To

Wire, MCON 1.2mm

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Tab**
Interface Plating: **Tin (Sn)**
Mating Tab Width: **1.15 mm [.045 in]**
Mating Tab Thickness: **.6 mm [.024 in]**
Terminal Transmits: **0 – 24 A (Low Power)**

[All MCON Receptacle and Tab \(64\)](#)

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	9000

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C[266 °F]



Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.4 – 1.9 mm[.055 – .075 in]
Wire Size	.5 – .75 mm²
Wire Size Search	.5 mm², .75 mm², .6 mm²
Tab Length	25.5 mm[1.003 in]

Contact Features

Crimp Type	F-Crimp
Contact Size	1.15mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Tab
Interface Plating	Tin (Sn)
Mating Tab Width	1.15 mm[.045 in]
Mating Tab Thickness	.6 mm[.024 in]

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

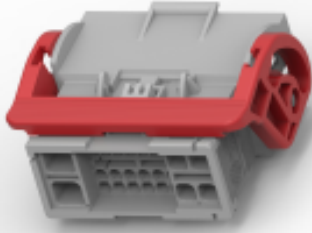
Solder Process Capability

Not 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>

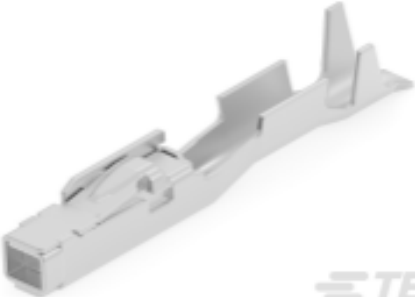
Compatible Parts



TE Part # 2236046-8
32POS, MIXED, MALE CONN., CLIP2, COD B



TE Part # 5-2151300-2
OCEAN_2.0_APPLICATOR-S-055F072SP-RSA



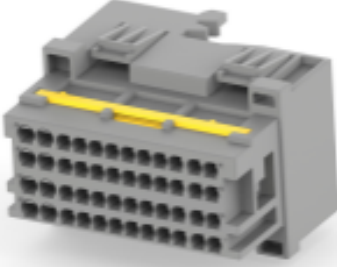
TE Part # 7-1452656-1
MCON 1.2 LL REC SRC SN



TE Part # 2382874-2
16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD B



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



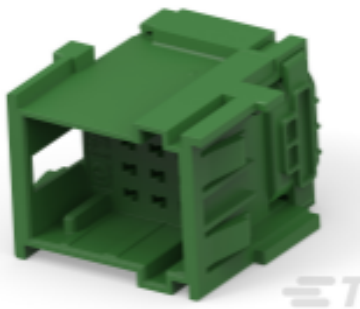
TE Part # 2366066-2
48POS,MCON 1.2,TAB HSG ASSY, UNSLD,COD B



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



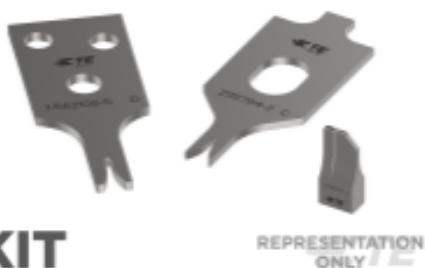
TE Part # 1452657-1
MCON 1.2 LL REC SRC SN LP



TE Part # 2382874-3
16POS,1.2X0.63,TAB HSG ASSY,
UNSLD,COD C



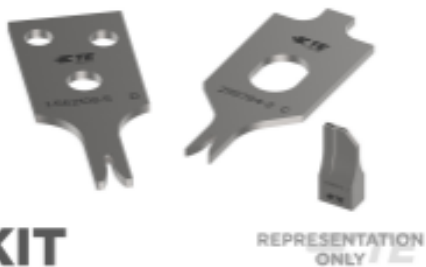
TE Part # 6-1579018-1
EXTRACTION TOOL



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



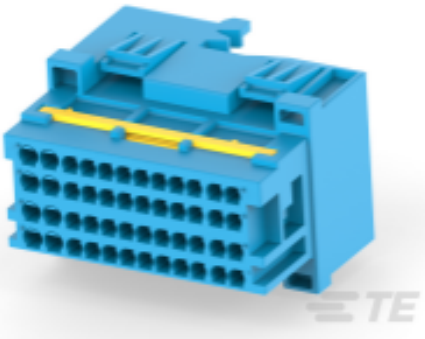
TE Part # 4151005-2
APPLICATOR TO MAKE LOOSE
PIECE-RSA



KIT
TE Part # 7-2266368-7
OC-055F072SP-752-
CRIMPTOOLINGKIT



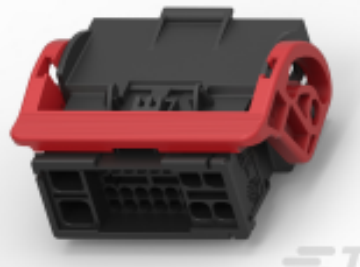
TE Part # 5-2151300-1
OCEAN_2.0_APPLICATOR-S-
055F072SP-RSM



TE Part # 2366066-4
48POS,MCON 1.2,TAB HSG ASSY,
UNSLD,COD D



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



TE Part # 2236046-7
32POS, MIXED, MALE CONN., CLIP2,
COD A



TE Part # 4151005-1
APPLICATOR TO MAKE LOOSE
PIECE-RSM



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

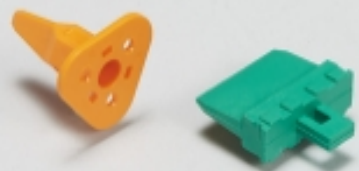


TE Part # 3-2151300-2
OCEAN_2.0_APPLICATOR-S-
055F072SPA-RSD

Also in the Series | MCON 1.2mm



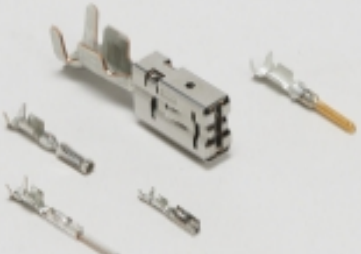
Automotive Connector Caps & Covers
(18)



Automotive Connector Locks &
Position Assurance(10)



Automotive Housings(318)



Automotive Terminals(93)



Connector Seals & Cavity Plugs(10)

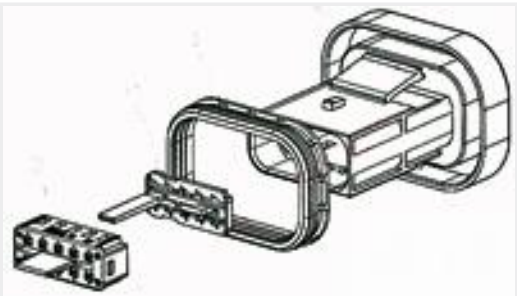


Insertion & Extraction Tools(5)



Other Automotive Connector
Accessories(7)

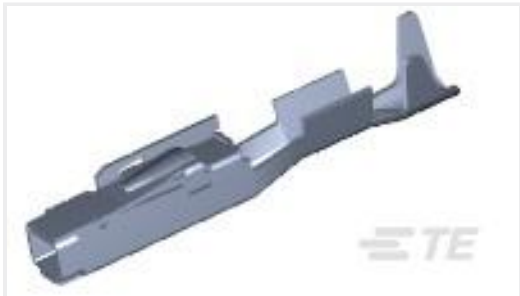
Customers Also Bought



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



TE Part #284875-2
20 POS FEMALE CONN ASSY



TE Part #7-1452656-3
MCON 1.2 LL REC SRC AG



TE Part #284875-5
20 W. FEMALE CONNECTOR ASSY



TE Part #1488903-1
1X8 UNSEALED PLUG W/ MODIFIED THUMBPAD,



TE Part #NB07516001
HTAT-16/4-0-55MM



TE Part #CAT-HST-SCT
SCT Heat Shrink Tubing



TE Part #3-2177515-3
32POS, MIXED, REC HSG, ASSY, SEALED



TE Part #3-2177515-2
32POS, MIXED, REC HSG, ASSY, SEALED

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

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Product Specifications



Application Specification

German

Application Specification

English

Application Specification

English