

2141861-1 ✓ ACTIVE

AMP | MCON Interconnection System

TE Internal #: 2141861-1

Automotive Terminals, Receptacle, Mating Tab Width 1.2 mm [.047 in], Tab Thickness .024 in [.6 mm], 26 – 24 AWG Wire Size, MCON Interconnection System

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Terminals & Splices > Automotive Terminals > MCON, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

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

Mating Tab Thickness: **.6 mm [.024 in]**

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

Wire Size: **26 – 24 AWG**

[All MCON, RECEPTACLE AND TAB \(103\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	7 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



Dimensions

Wire Size	.13 – .22 mm ²
Wire Size Search	24 AWG, 25 AWG, 26 AWG
Wire Insulation Diameter	.85 – 1.2 mm [.033 – .047 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 1452015-2
2X6UNS.FEM ASSY"B"



TE Part # 1801735-1
18W HYBRID UNSEALED RCPT HSG ASSY BLACK



TE Part # 2141864-1
MCON 1.2 LL TAB STC SN



TE Part # 1801735-3
18W HYBRID UNSEALED RCPT HSG ASSY BLUE



TE Part # 1801735-4
18W HYBRID UNSEALED RCPT HSG ASSY BROWN



TE Part # 2-2151333-1
OCEAN_2.0_APPLICATOR-S-040F0620



TE Part # 2-2151333-2
OCEAN_2.0_APPLICATOR-S-040F0620



TE Part # 2-4151061-1
APPLICATOR TO MAKE LOOSE PIECE TERMINALS



TE Part # 2-4151061-2
APPLICATOR TO MAKE LOOSE PIECE TERMINALS



TE Part # 2151333-1
OCEAN_2.0_APPLICATOR-S-040F0620



TE Part # 2151333-2
OCEAN_2.0_APPLICATOR-S-040F0620



TE Part # 4151061-1
APPLICATOR TO MAKE LOOSE
PIECE TERMINALS



TE Part # 4151061-2
APPLICATOR TO MAKE LOOSE
PIECE TERMINALS



TE Part # 7-2151333-1
OCEAN_2.0_APPLICATOR-S-
040F062O



TE Part # 7-2151333-2
OCEAN_2.0_APPLICATOR-S-
040F062O



KIT

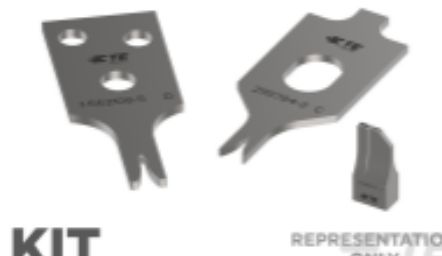
TE Part # 7-2151333-7
OCEAN_2.0_SPARE_PART_KIT-
040F062O



TE Part # 7-4151061-1
APPLICATOR TO MAKE LOOSE
PIECE TERMINALS



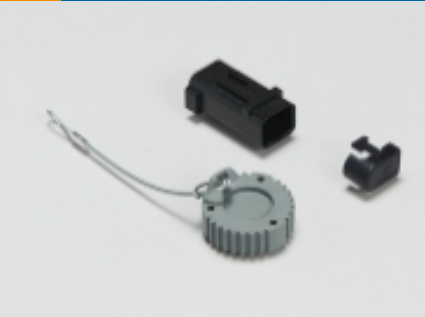
TE Part # 7-4151061-2
APPLICATOR TO MAKE LOOSE
PIECE TERMINALS



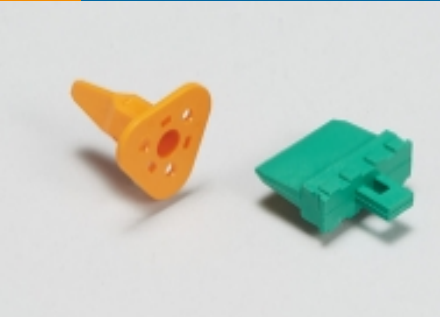
KIT

TE Part # 7-4151061-7
TOOLING KIT TO MAKE LOOSE
PIECE TERMINAL

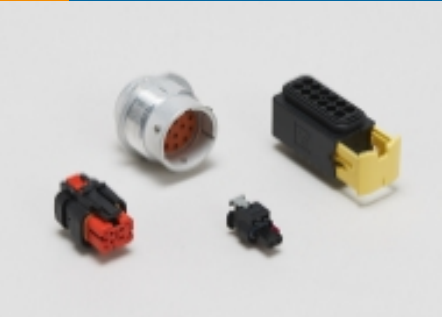
Also in the Series | MCON Interconnection System




Automotive Connector Caps & Covers
(24)




Automotive Connector Locks &
Position Assurance(11)




Automotive Housings(288)




Automotive Seals & Cavity Plugs(4)



Automotive Terminals(113)



Insertion & Extraction Tools(31)



Other Automotive Connector
Accessories(6)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #1-1241418-3
AMP MCP, RECEPTACLE AND TAB



TE Part #1-1703930-1
MQS, RECEPTACLE AND TAB



TE Part #2141970-3
MCON 1.2 LL REC SWS AG



TE Part #1-2141857-1
AMP MCP 2.8, CONTACT



Documents

Product Drawings

[MCON 1.2 LL REC SRC SN](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2141861-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2141861-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2141861-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[MCON Interconnection System](#)

English

Product Specifications

[Product Specification](#)

English