

1718350-2 ✓ ACTIVE

MCON | MCON 1.2mm, enetSEAL+, AMP MCP Hybrid Coax

TE Internal #: 1718350-2

Tab, Mating Tab Width 1.2 mm [.047 in], Tab Thickness .6 mm [.024 in], 20 – 18 AWG Wire Size, .5 – .75 mm² Wire Size, MCON 1.2mm, Automotive Terminals

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Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Tab**

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

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

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

Wire Size: **20 – 18 AWG**

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

Features

Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, KOMAX Automatic Component Insertion per Version 5.0 (March 2018)

Packaging Features

Packaging Method	Reel
Packaging Quantity	9000

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C, 125 °C, 80 °C, 105 °C, 100 °C, 90 °C, 85 °C, 150 °C, 145 °C, 140 °C, 110 °C, 120 °C[293 °F][248 °F][221 °F][230 °F][176 °F][194 °F][185 °F][284 °F][302 °F][266 °F][212 °F][257 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Dimensions

Compatible Insulation Diameter Range	1.4 – 1.9 mm [.055 – .075 in]
Wire Size	.5 – .75 mm ²
Wire Size Search	.5 mm ² , .75 mm ² , .6 mm ²

Contact Features

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 [.047 in]
Mating Tab Thickness	.6 mm [.024 in]
Interface Plating	Gold (Au)

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 # CAT-NC1-NMA12
NextGen & NextGen Plus MCON 1.2 Locking Lance Single Wire Seals and Cavity Plugs



TE Part # 1579007-8
EXTRACTION TOOL



TE Part # 964972-1
EINZELLEITERDICHTUNG



TE Part # 1670144-2
MCON 1.2 CB REC SRC AU



TE Part # 2151037-1
OCEAN_2.0_APPLICATIONER-S-055F072SP-RSM



TE Part # 2151037-2
OCEAN_2.0_APPLICATIONER-S-055F072SP-RSA



TE Part # 2272160-1
2POS, MCON 1.2 CB TAB 2p TL UNSEALED



TE Part # 2272160-2
2POS, MCON 1.2 CB TAB 2p TL UNSEALED



TE Part # 2301461-2
30POS, HYBRID, TAB HSG ASSY, SLD, COD B



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



TE Part # 2836156-1
OCEAN_2.0_APPLICATIONER-S-055F072O-SSM



TE Part # 2836156-2
OCEAN_2.0_APPLICATIONER-S-055F072O-SSA



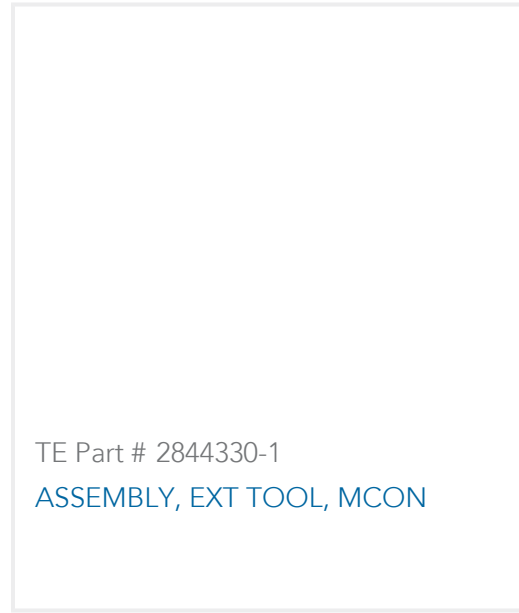
TE Part # 2844610-1
EXT TOOL, MCON 1.2 CB



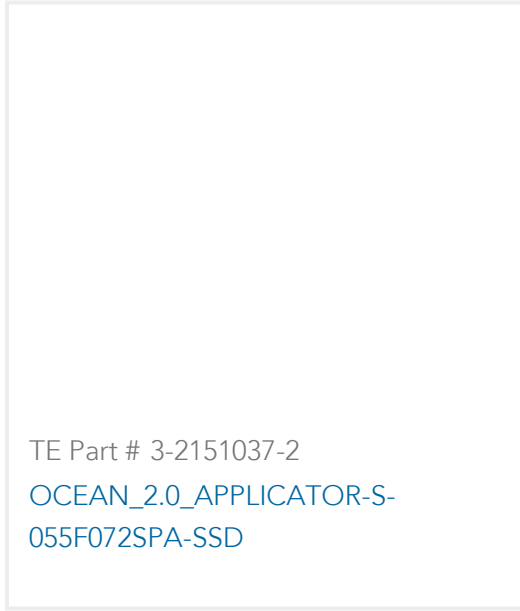
TE Part # 7-2151037-7
OCEAN_2.0_SPARE_PART_KIT-055F072SP



TE Part # 7-2836156-7
OCEAN_2.0_SPARE_PART_KIT-055F072O

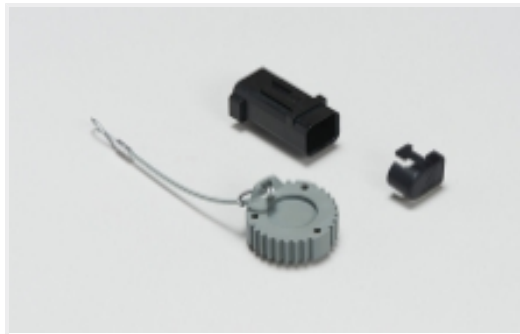


TE Part # 2844330-1
ASSEMBLY, EXT TOOL, MCON

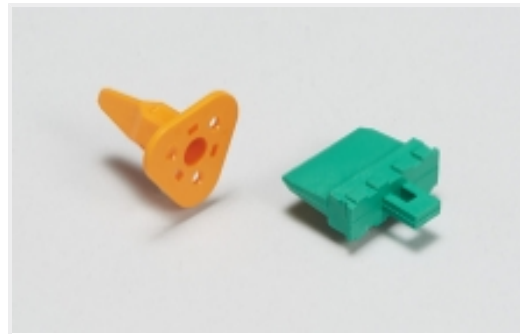


TE Part # 3-2151037-2
OCEAN_2.0_APPLICATOR-S-055F072SPA-SSD

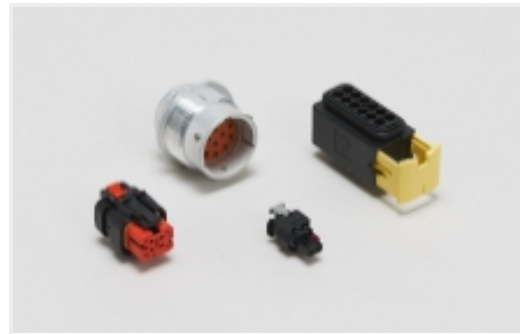
Also in the Series | **MCON 1.2mm**



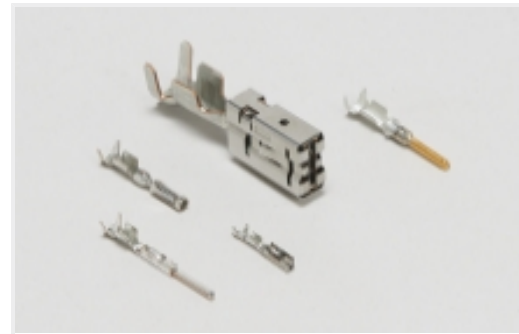
Automotive Connector Caps & Covers (18)



Automotive Connector Locks & Position Assurance(10)



Automotive Housings(324)



Automotive Terminals(93)



Connector Seals & Cavity Plugs(13)

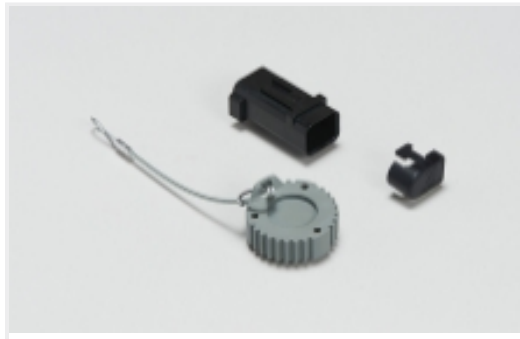


Insertion & Extraction Tools(5)

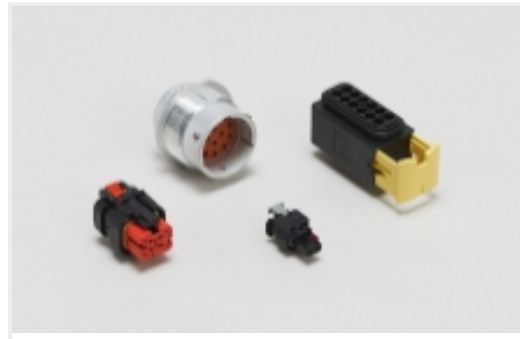


Other Automotive Connector Accessories(7)

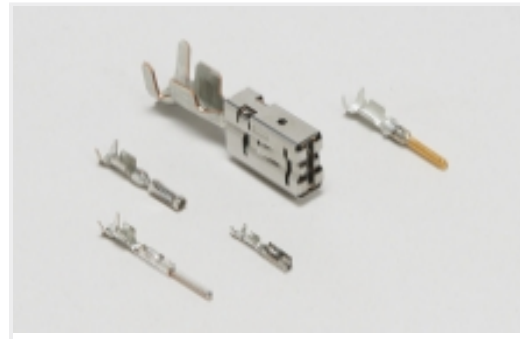
Also in the Series | **enetSEAL+**



Automotive Connector Caps & Covers (1)



Automotive Housings(4)



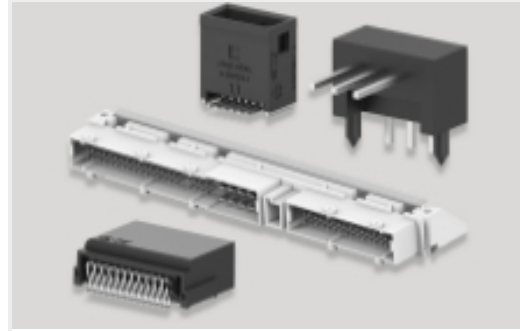
Automotive Terminals(4)



Infotainment & Multimedia Cable Assemblies(8)

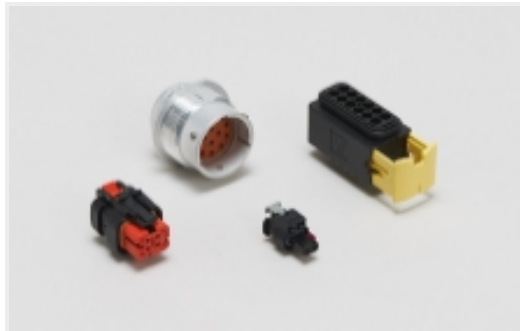


Other Automotive Connector Accessories(3)

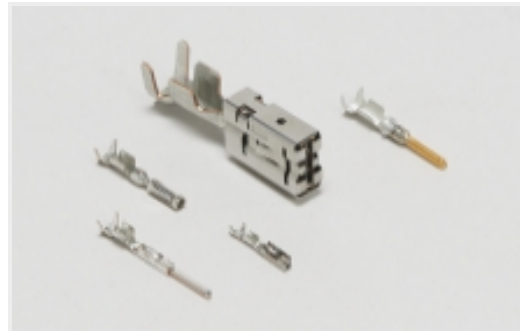


PCB Headers & Receptacles(4)

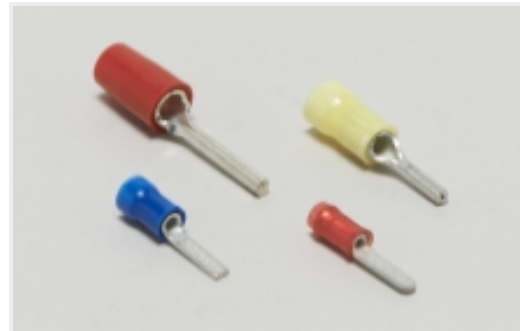
Also in the Series | **AMP MCP Hybrid Coax**



Automotive Housings(8)



Automotive Terminals(38)



Crimp Wire Pins, Tabs & Ferrules(2)

Customers Also Bought



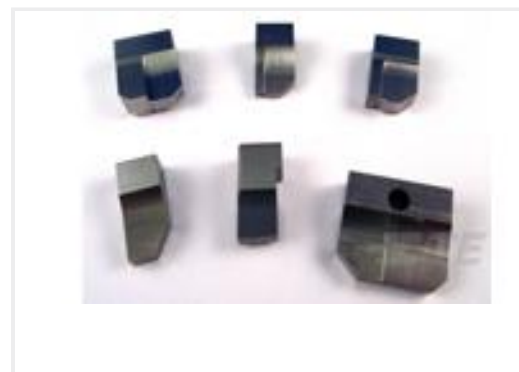
TE Part #2292937-1
enetSEAL Housings



TE Part #1670144-2
MCON Receptacle and Tab



TE Part #1326028-2
0.64MM FEMALE CONTACT,AU,
22AWG



TE Part #1-1333202-8
ANVIL, COMBINATION .062



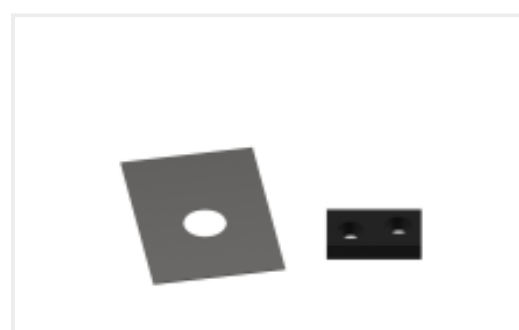
TE Part #3-1633962-0
CRIMPER, INSULATION F PREMIUM



TE Part #8-1333201-0
ANVIL, COMBINATION .055



TE Part #2119791-7
Depressor, Wire



TE Part #455888-9
SPACER, CRIMPER(045)



Documents

Product Drawings

[MCON 1.2 CB TAB STC AU](#)

English

[MCON 1.2 CB TAB STC AU](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1718350-2_B_c-1718350-2-b.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1718350-2_B_c-1718350-2-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1718350-2_B_c-1718350-2-b.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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English

Product Specifications

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