

2177610-1 ✓ ACTIVE

MCON 1.2mm, MCON Interconnection System, AMP MCP Hybrid Coax

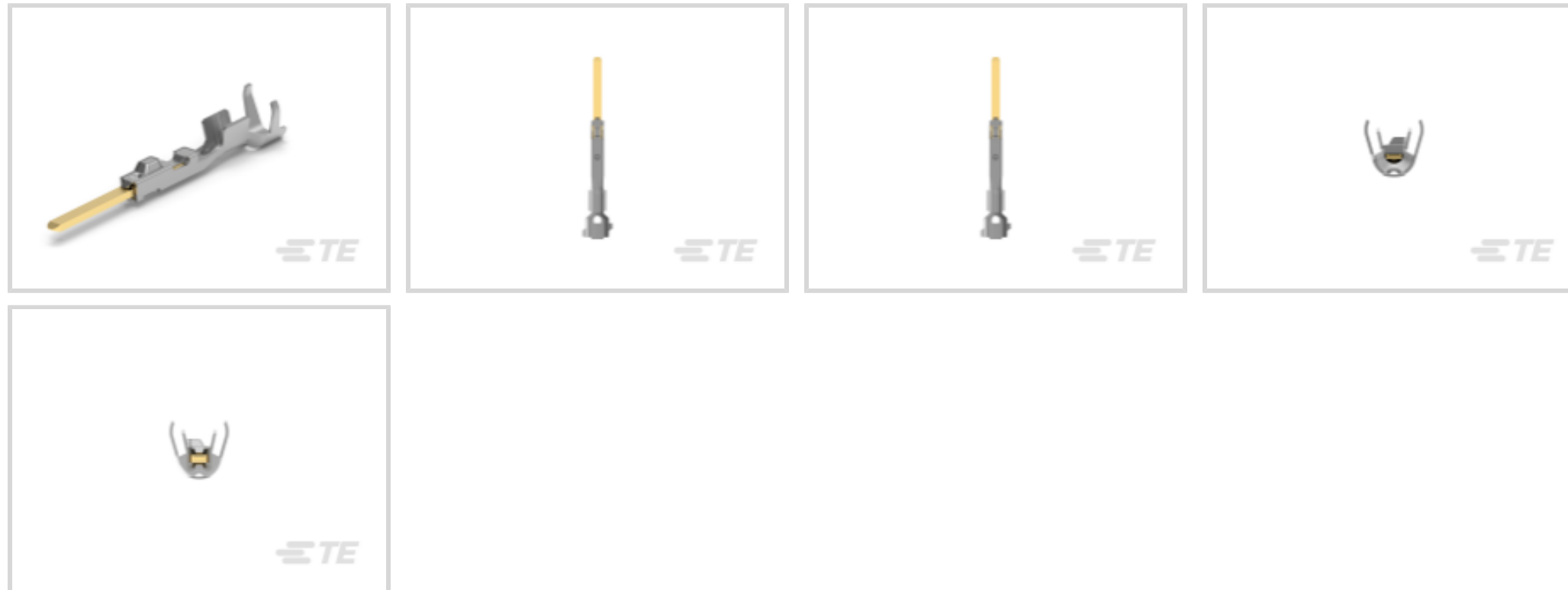
TE Internal #: 2177610-1

Tab Terminal, 1.2 mm [.047 in] Tab Width, Tin (Sn), Sealable, .6 mm [.024 in] Tab Thickness, Single Wire Seal (SWS), MCON Interconnection System

[View on TE.com >](#)



Automotive Parts > Automotive Terminals



Terminal Type: **Tab**

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

Interface Plating: **Tin (Sn)**

Primary Locking Feature: **Clean Body**

Sealable: **Yes**

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Crimp Type	O-Crimp
Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Terminal Type	Tab
Mating Tab Width	1.2 mm [.047 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	1.9 – 2.4 mm
Tab Length	8 mm

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[212 °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	SAE/USCAR-2 / USCAR-21
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Packaging Features

Packaging Method	Reel
Packaging Quantity	6000

Other

Customer Preferred Contact	Yes
Terminal Transmits	0 – 24 A (Low Power)

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




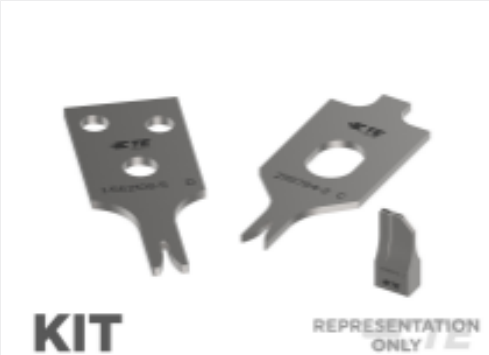






Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

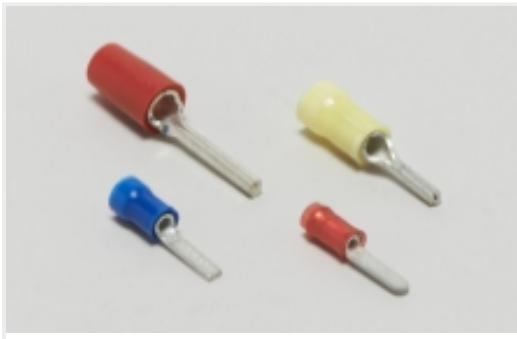
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 5-2151480-2 OCEAN_2.0_APPLICATOR-S-070F130SP-RSA</p>	 <p>KIT REPRESENTATION ONLY</p> <p>TE Part # 7-2151480-7 OCEAN_2.0_SPARE_PART_KIT-070F130SP</p>	 <p>TE Part # 2151480-1 OCEAN_2.0_APPLICATOR-S-070F130SP-RSM</p>	 <p>TE Part # 2327042-3 2POS,MCON 1.2,TAB HSG ASSY,SLD, COD C</p>
 <p>TE Part # 5-2151480-1 OCEAN_2.0_APPLICATOR-S-070F130SP-RSM</p>	 <p>TE Part # 2327042-1 2POS,MCON 1.2,TAB HSG ASSY,SLD, COD A</p>	 <p>TE Part # 2327042-2 2POS,MCON 1.2,TAB HSG ASSY,SLD, COD B</p>	 <p>TE Part # 2151480-2 OCEAN_2.0_APPLICATOR-S-070F130SP-RSA</p>

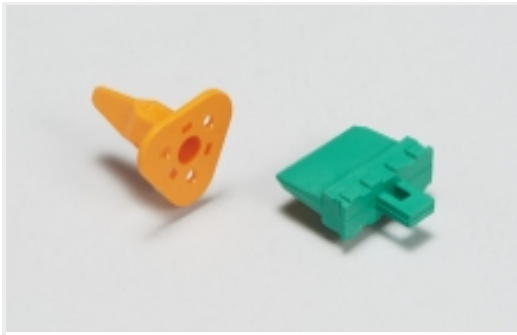
Also in the Series | AMP MCP Hybrid Coax

 <p>Automotive Housings(112)</p>	 <p>Automotive Signal & Power Connector Housings(112)</p>	 <p>Automotive Signal & Power Headers(3)</p>	 <p>Automotive Terminals(26)</p>
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Crimp Wire Pins, Tabs & Ferrules(2)

Also in the Series | MCON 1.2mm



Automotive Connector Locks & Position Assurance(14)



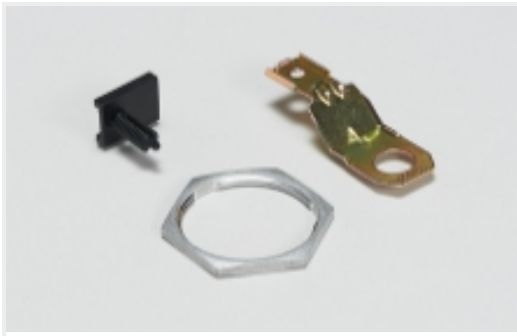
Automotive Housings(112)



Automotive Seals & Cavity Plugs(12)



Automotive Signal & Power Connector Housings(112)



Other Automotive Connector Accessories(1)

Also in the Series | MCON Interconnection System



Automotive Connector Caps & Covers (38)



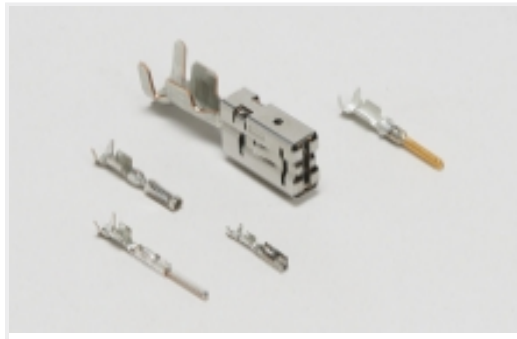
Automotive Housings(112)



Automotive Signal & Power Connector Housings(112)



Automotive Signal & Power Headers(3)



Automotive Terminals(26)

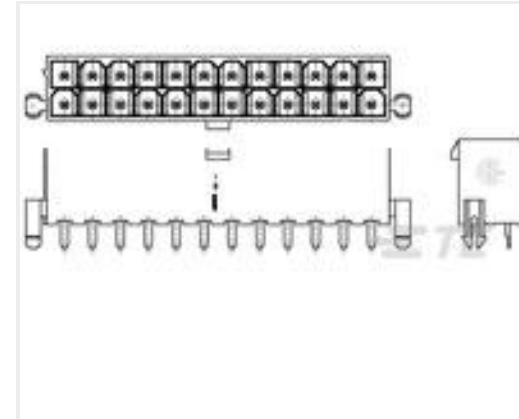
Customers Also Bought



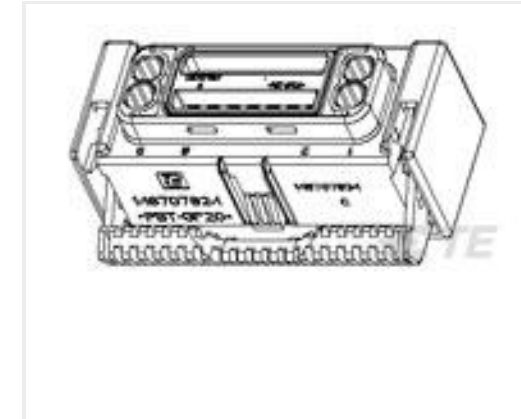
TE Part #DT04-12PA-FL02
REC, 12P, GRY, E, ENH KEY, CAP, FLANGE,A



TE Part #OTX-418-HH-KF2-MS
Remote MS 418MHz OOK AM 2Btn KF TX FCC



TE Part #1586039-2
2P VAL-U-LOK VRT HDR W/P V2



TE Part #1-1670782-1
18POS, MIXED,REC HSG,ASSY,CODA



TE Part #1924292-5
6POS, MCON 1.2 CB REC 2p TL SEALED



TE Part #4-1971800-4
NEW GI CONN2.5 HDR ASMBLY 4P YLW D1.5



TE Part #2-1971906-6
HEADER ASSY 12POS,KEYING-B,NEW GIC3.3



TE Part #2375556-1
8POS,MCON 1.2,TAB HSG ASSY,SLD, COD A



TE Part #2446123-1
10POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part #184165-1
2 POS. CAP HSG., KEY C

Documents

Product Drawings

[TAB1.2X0.6,TERMINAL,SWS,CB](#)

English

[TAB1.2X0.6,TERMINAL,SWS,CB](#)

German

CAD Files

[3D PDF](#)

[3D](#)



Customer View Model

[ENG_CVM_CVM_2177610-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2177610-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2177610-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

German

[Application Specification](#)

English

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English