

2177610-3 ✓ ACTIVE

MCON | AMP MCP Hybrid Coax, MCON 1.2mm

TE Internal #: 2177610-3

Tab, Mating Tab Width 1.2 mm [.047 in], Tab Thickness .6 mm [.024 in], 17 – 15 AWG Wire Size, 1 – 1.5 mm<sup>2</sup> Wire Size, MCON 1.2mm, Automotive Terminals

[View on TE.com >](#)



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: 17 – 15 AWG

[All MCON Receptacle and Tab \(65\)](#)

## Features

### Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

### Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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### Contact Features

Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Crimp Type	F-Crimp
Terminal Type	Tab
Mating Tab Width	1.2 mm [.047 in]



Mating Tab Thickness	.6 mm [.024 in]
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Interface Plating	Silver (Ag)
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### Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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### Dimensions

Compatible Insulation Diameter Range	2.6 mm [.102 in]
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Wire Size	1 – 1.5 mm <sup>2</sup>
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Wire Size Search	15 AWG, 16 AWG, 17 AWG
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### Usage Conditions

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

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Quantity	6000
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Packaging Method	Reel
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### 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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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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 # 2203770-1  
Cap Ass'y, 2P Sealed, Key A



TE Part # 2151480-1  
OCEAN\_2.0\_APPLICATOR-S-070F130SP-RSM



TE Part # 2297911-1  
12 WAY IN-LINE TAB PLUG ASSY



TE Part # 2203770-3  
Cap Ass'y, 2P Sealed, Key C



TE Part # 2203772-1  
3POS, MCON 1.2 CB TAB 1p TL SEALED



TE Part # 2203774-1  
4POS, MCON 1.2 CB TAB 1p TL SEALED



TE Part # 2151480-2  
OCEAN\_2.0\_APPLICATOR-S-070F130SP-RSA



TE Part # 2203770-2  
2POS, MCON 1.2 CB TAB 1p TL SEALED



TE Part # 2203772-2  
Cap Ass'y, 3P Sealed, Key B



TE Part # 2203772-3  
Cap Ass'y, 3P Sealed, Key C



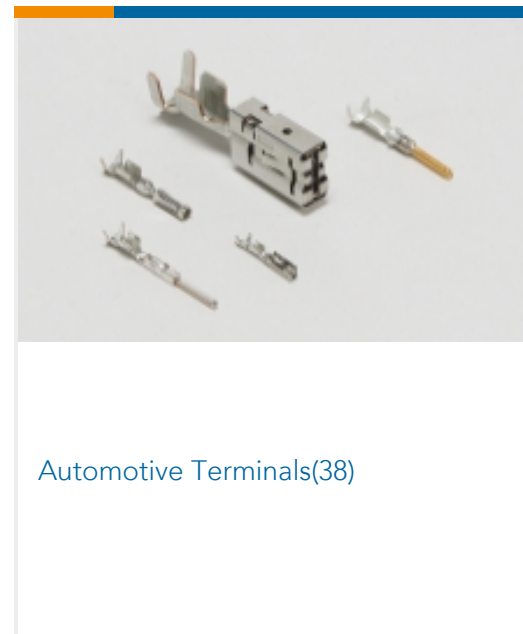
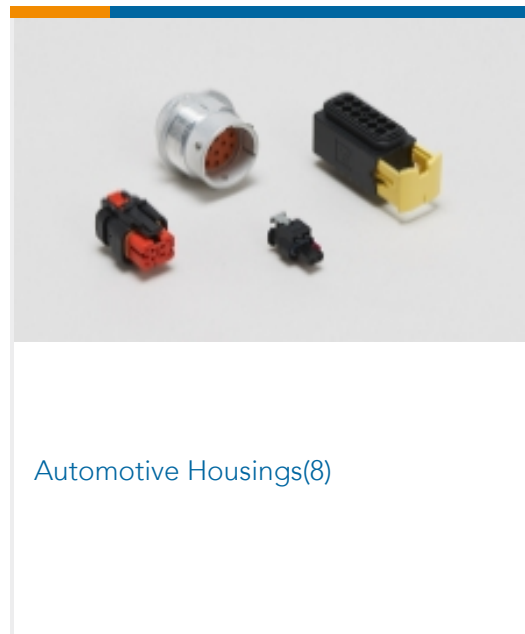
TE Part # 2203774-2  
Cap Ass'y, 4P Sealed, Key B



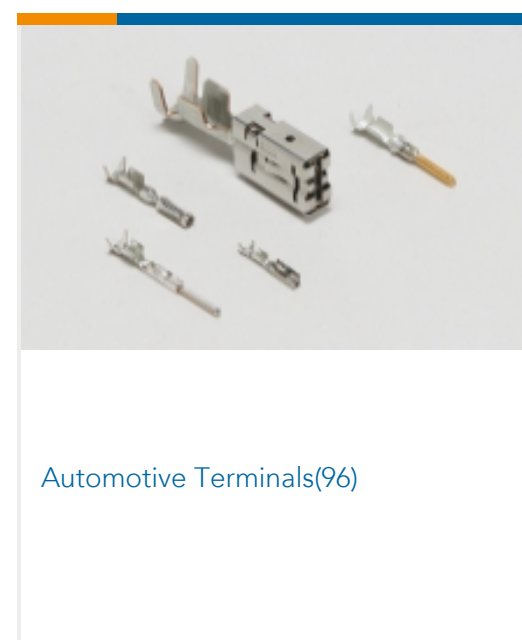
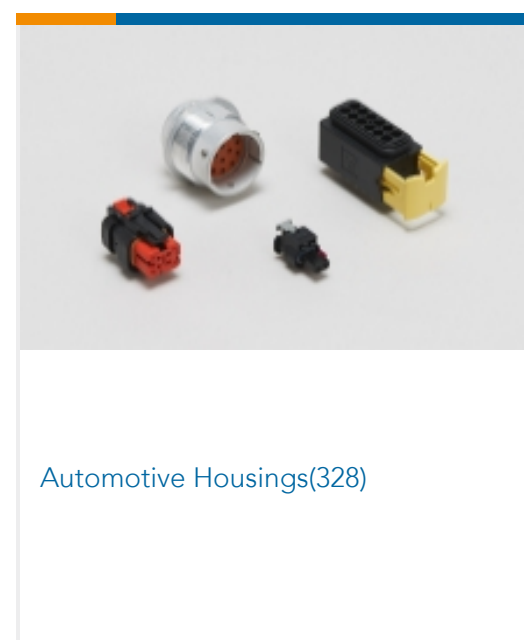
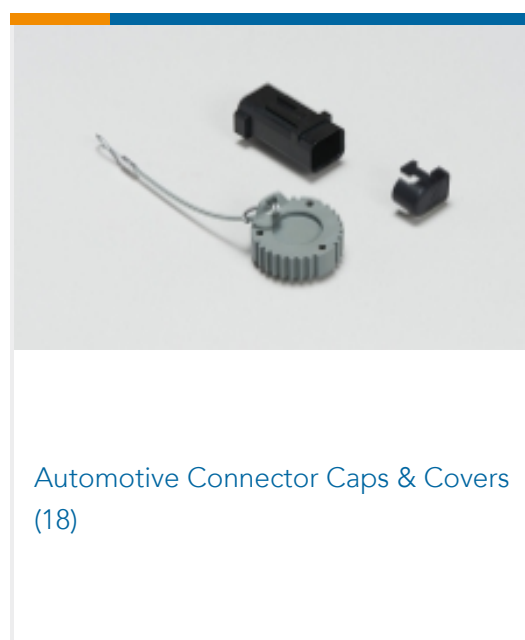
TE Part # 2203774-3  
Cap Ass'y, 4P Sealed, Key C



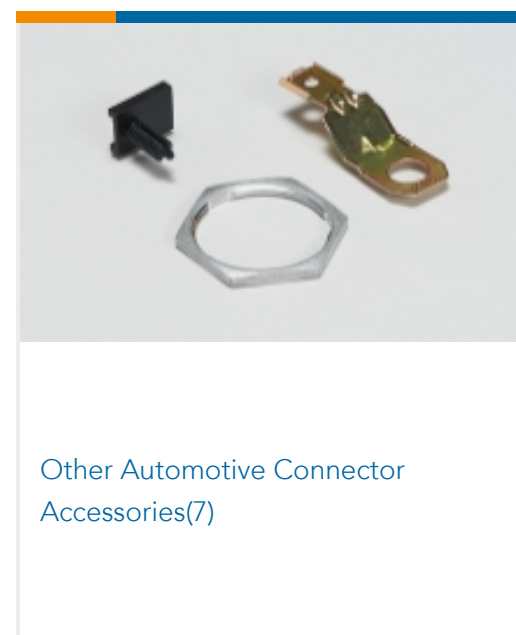
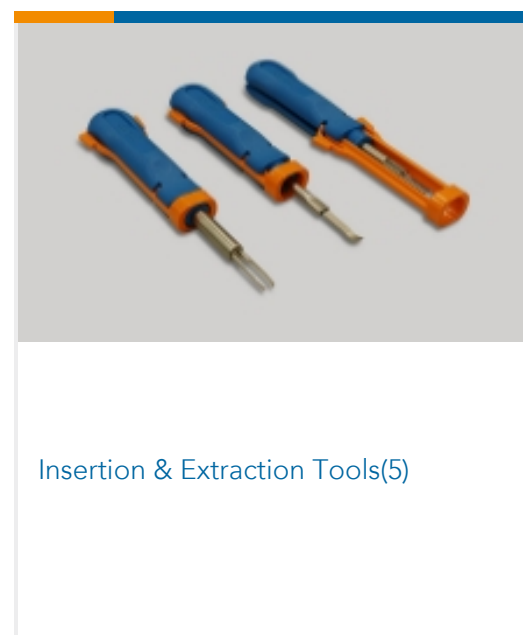
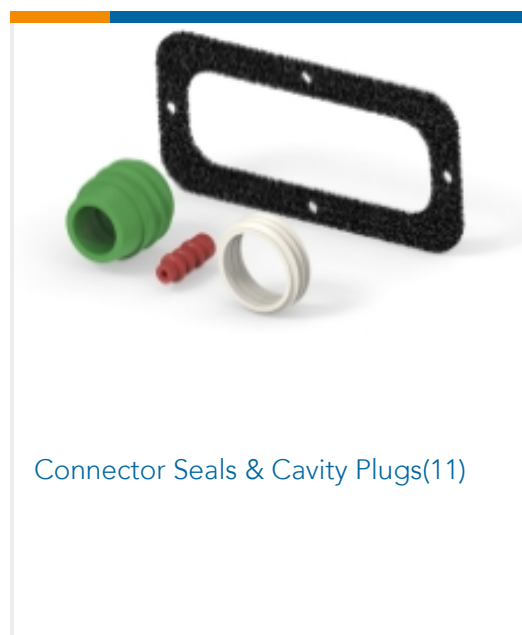
Also in the Series | **AMP MCP Hybrid Coax**



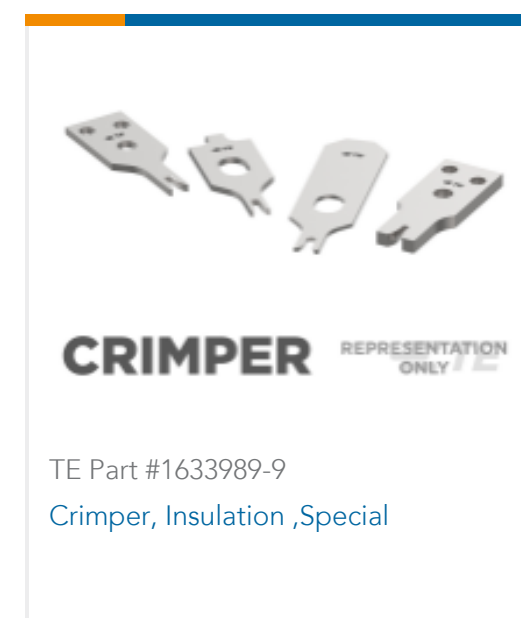
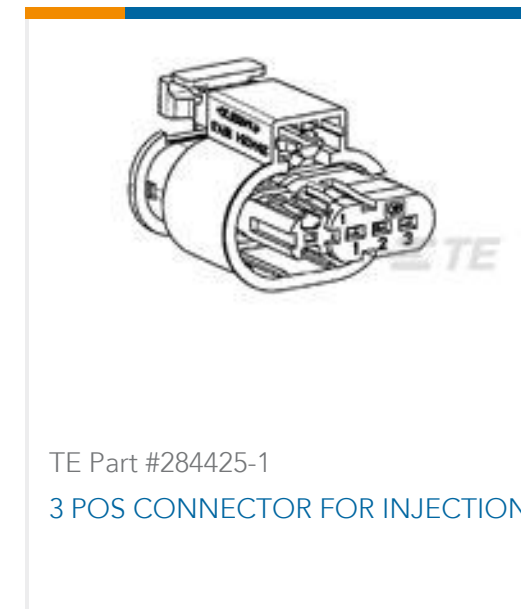
Also in the Series | **MCON 1.2mm**







## Customers Also Bought



## Documents

### Product Drawings

MCON 1.2 CB TAB SWS AG

English

MCON 1.2 CB TAB SWS AG

German

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2177610-3\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2177610-3\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2177610-3\\_A.3d\\_stp.zip](#)



English

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**Product Specifications**

**Application Specification**

German

**Application Specification**

English

**Application Specification**

English