

2141116-1 ✓ ACTIVE

MCON Interconnection System

TE Internal #: 2141116-1

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

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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 \(103\)](#)

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
Crimp Type	F-Crimp
Terminal Type	Tab
Mating Tab Width	1.2 mm [.047 in]
Mating Tab Thickness	.6 mm [.024 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



Dimensions

Compatible Insulation Diameter Range	1.4 – 1.9 mm [.05 – .07 in]
Wire Size	.5 – .75 mm ²
Wire Size Search	18 AWG, 19 AWG, 20 AWG
Tab Length	7.3 mm [.287 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	IEC 664/664A (DIN VDE 0110)
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Packaging Features

Packaging Quantity	6000
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

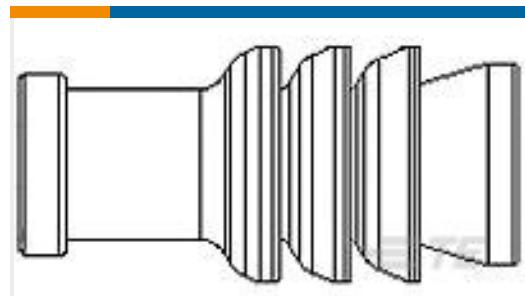
Solder Process Capability

Not reviewed for solder process capability

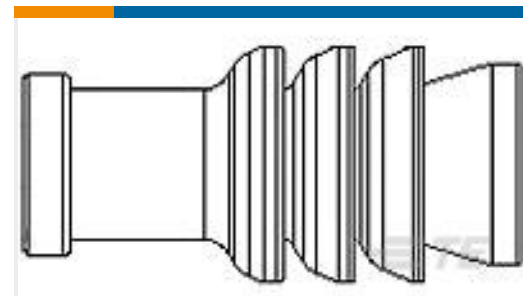
Product Compliance Disclaimer

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 # 967067-1
MOS SGL WIRE SEAL



TE Part # 967067-2
MOS EINZELLEITDICHT



TE Part # 2203770-1
Cap Ass'y, 2P Sealed, Key A



TE Part # CAT-M4595-T273
MCON Receptacle and Tab



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 # 1-2203775-1
5POS, MCON 1.2 CB REC 1p TL SEALED



TE Part # 1-2203775-2
Plug Ass'y, 5P Sealed, Key B, CPA



TE Part # 2151477-1
OCEAN_2.0_APPLICATOR-S-055F125F



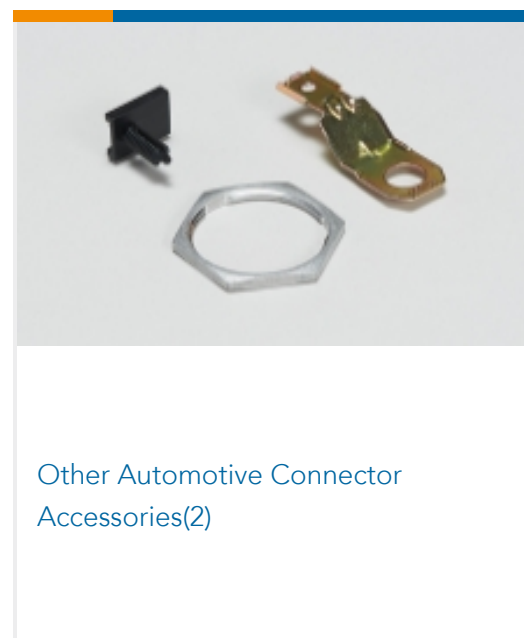
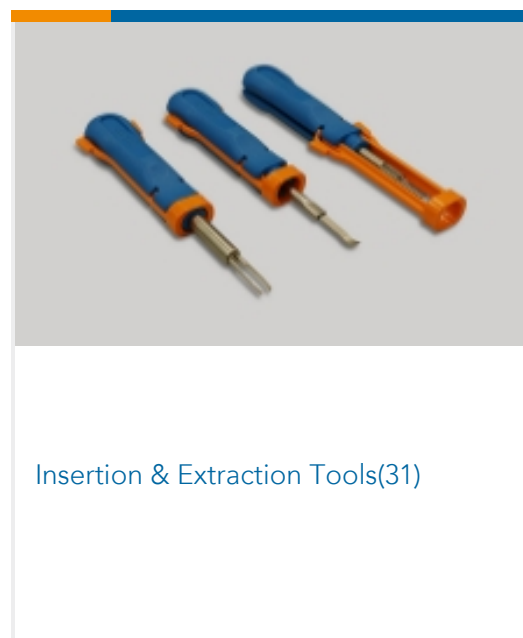
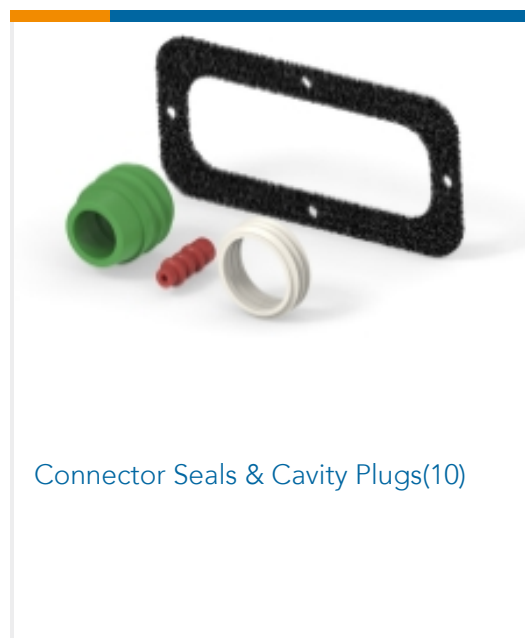
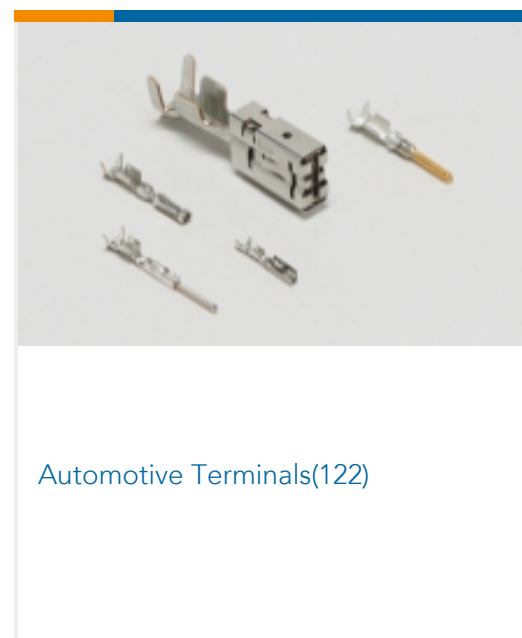
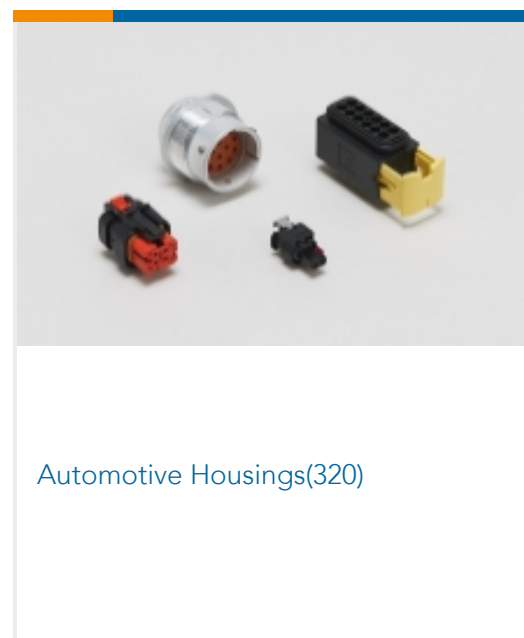
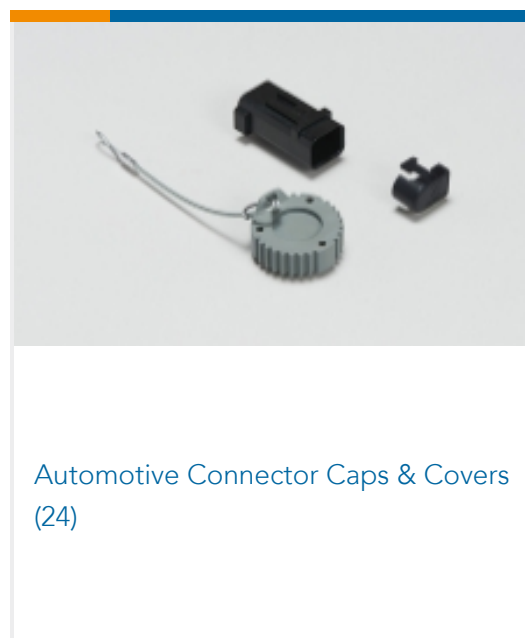
TE Part # 2151477-2
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TE Part # 2203770-2
2POS, MCON 1.2 CB TAB 1p TL SEALED

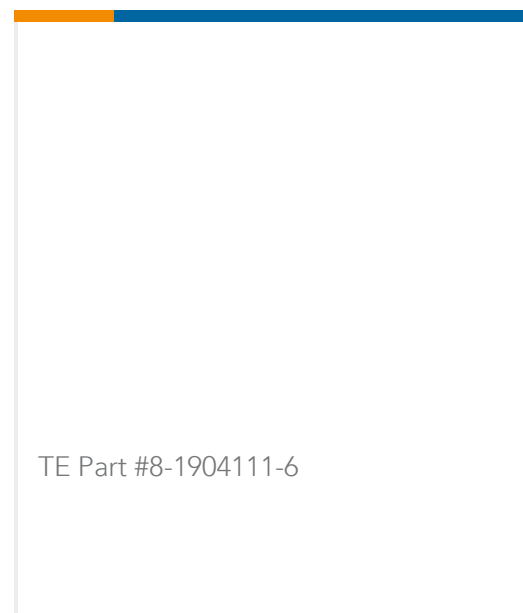
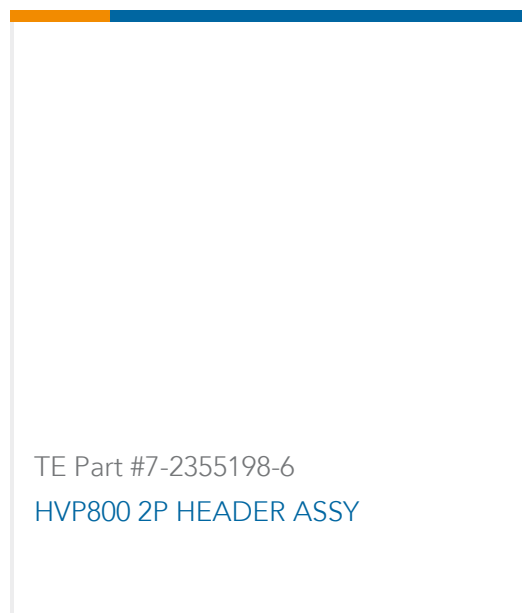
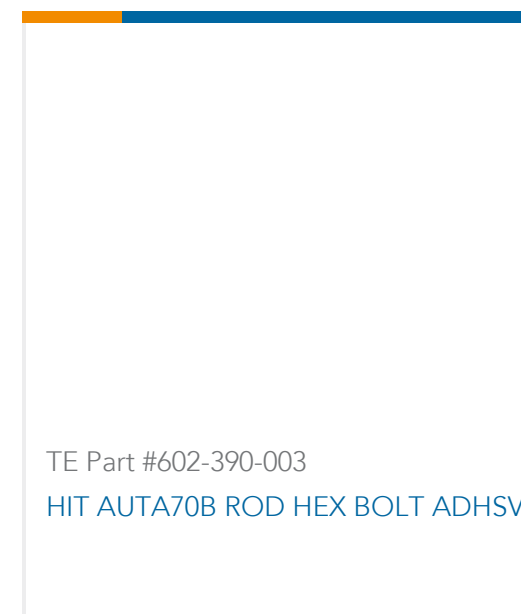


Also in the Series | MCON Interconnection System



Customers Also Bought





Documents

Product Drawings

[MCON 1.2 CB TAB SWS SN](#)

English

[MCON 1.2 CB TAB SWS SN](#)

English

[MCON 1.2 CB TAB SWS SN](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2141116-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2141116-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2141116-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[MCON Interconnection System](#)

English

Product Specifications



[Application Specification](#)

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