



Connectors > Automotive Connectors > Connector Housings > MCON, CONNECTOR HOUSING



Connector & Housing Type: **Housing for Female Terminals**

Mating Tab Width: **1.2 mm, 3 mm**

Connector System: **Wire-to-Panel**

Number of Positions: **91**

Centerline (Pitch): **2.5 mm**

[All MCON, CONNECTOR HOUSING \(283\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Panel
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Clean Body

Configuration Features

Number of Positions	91
Number of Rows	5

Body Features

Body Material	PA GF
Primary Product Color	Black



Connector Code	1
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Contact Features

Contact Size	1.2mm, 2.8K
Contact Type	Receptacle
Mating Tab Width	1.2 mm, 3 mm
Contact Current Rating (Max)	17 A, 40 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.5 mm
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Dimensions

Product Width	48.36 mm
Product Length	82.95 mm
Product Height	36.9 mm
Row-to-Row Spacing	2.8 mm

Usage Conditions

Operating Temperature (Max)	130 °C
Operating Temperature Range	-40 – 130 °C

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Agency/Standard	LV214
Degree of Protection	IPX9K

Packaging Features

Packaging Method	Box
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Other

Serviceable	Yes
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Connector Position Assurance Capable

No

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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # CAT-AM705-T273  
AMP MCP, RECEPTACLE AND TAB



TE Part # CAT-M4595-T273  
MCON, RECEPTACLE AND TAB



TE Part # 2208730-1  
COVER,OUTGOING ANGULAR,ASSY

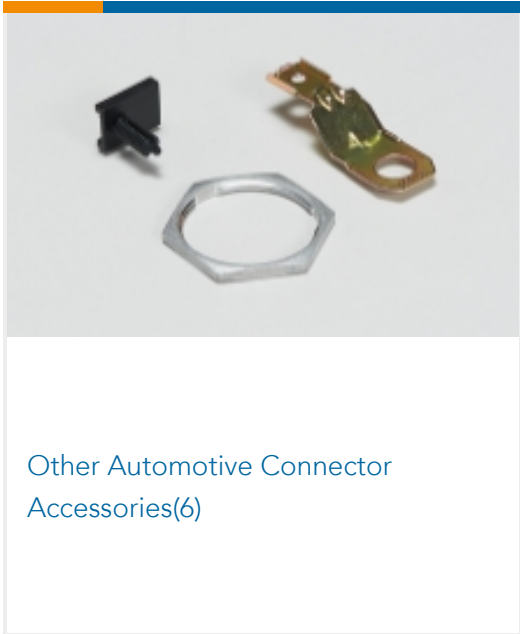
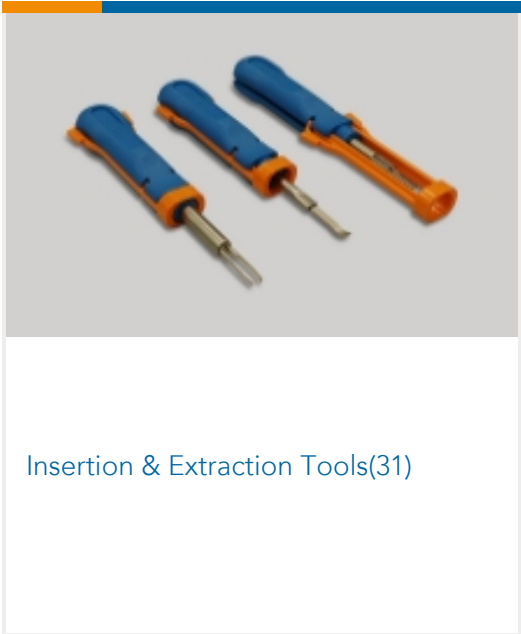
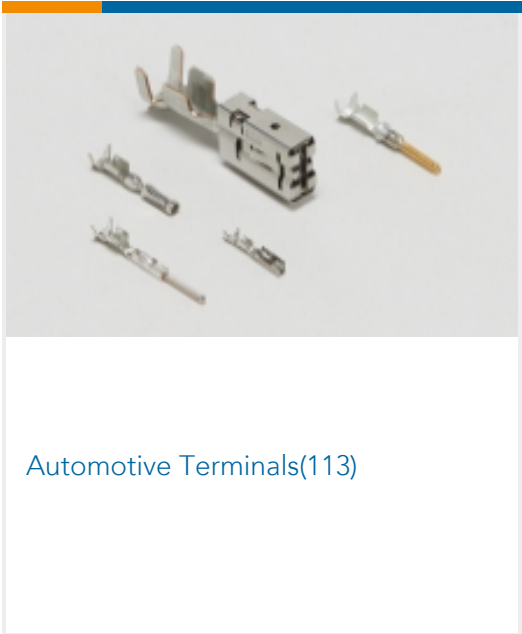
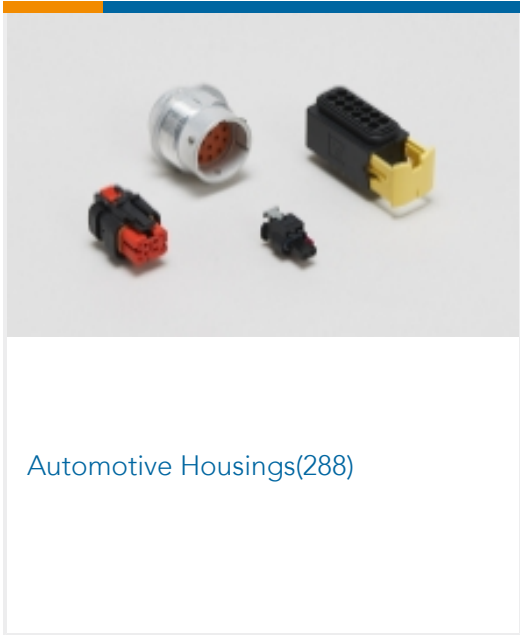
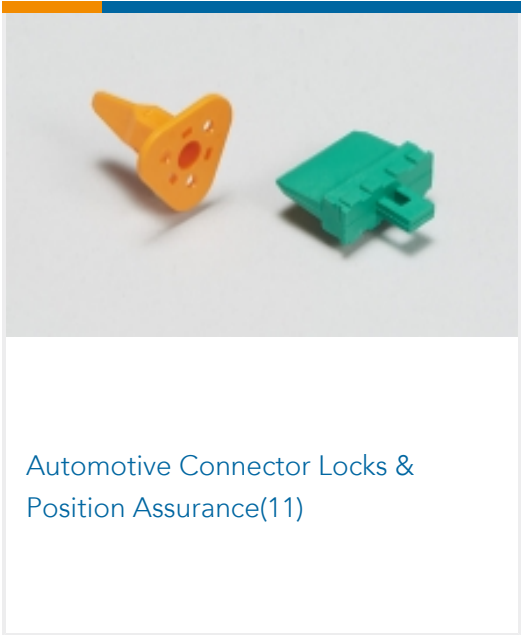
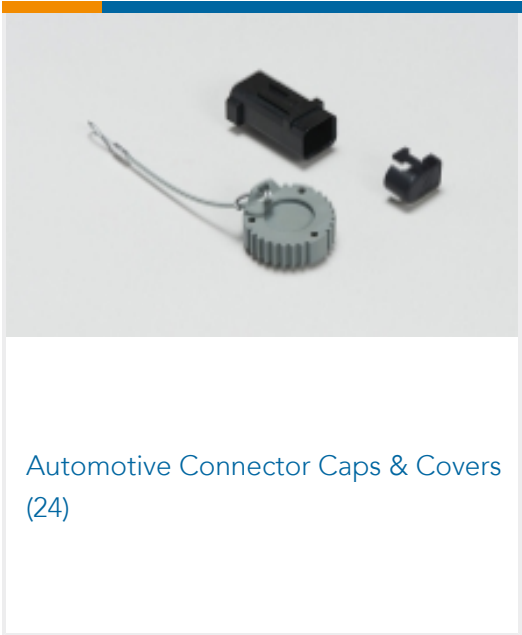


TE Part # 2208714-2  
2. LOCK,MCON1,2 CB

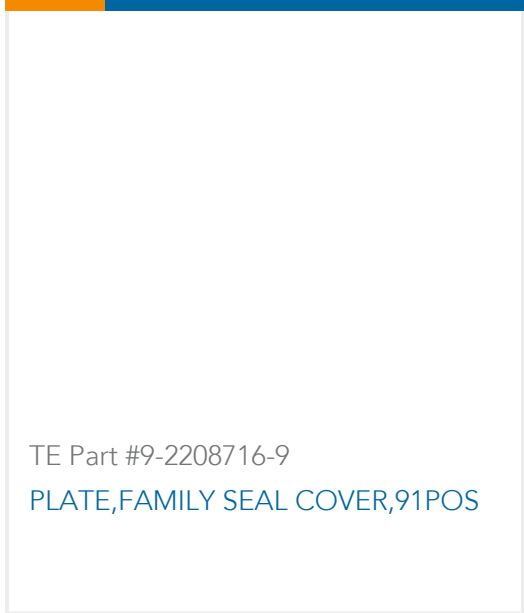
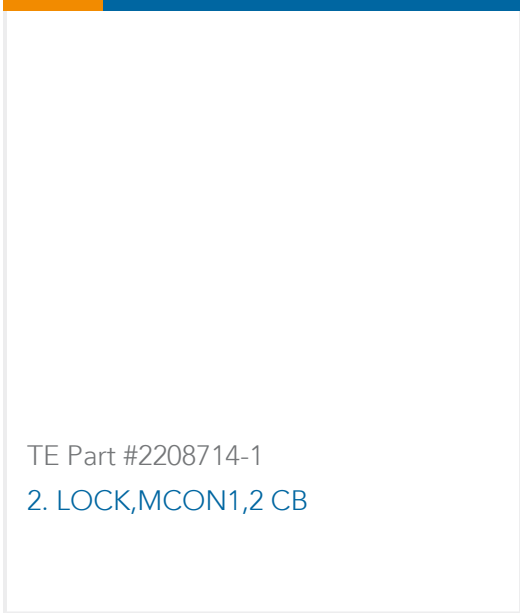


Also in the Series

MCON Interconnection System



Customers Also Bought





Documents

Product Drawings

91POS, MIXED,REC HSG,ASSY,SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2208709-1\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2208709-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2208709-1\_B.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English