



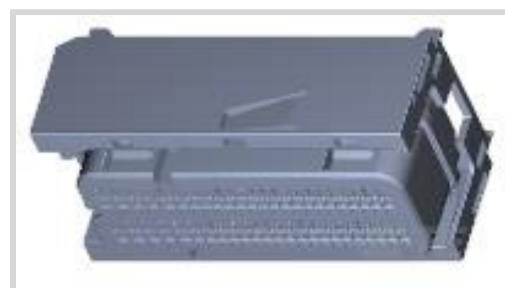
AMP | MCON Interconnection System

TE Internal #: 9-1563173-9

Housing for Female Terminals, Wire-to-Wire, 96 Position, .098 in [2.5 mm] Centerline, Sealable, Black, Wire & Cable, MCON Interconnection System

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



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

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

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

Number of Positions: **96**

Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	96
Number of Rows	4

Electrical Characteristics

Operating Voltage	14 VDC
Nominal Voltage Architecture	12 V

Body Features

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.2mm
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Contact Type	Receptacle
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Mating Tab Width	1.2 mm[.047 in]
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Contact Current Rating (Max)	25 A
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Mechanical Attachment

Terminal Position Assurance	Yes
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Strain Relief	With
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	PA GF
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Centerline (Pitch)	2.5 mm[.098 in]
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Dimensions

Connector Height	35.7 mm[1.406 in]
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Product Width	42 mm[1.654 in]
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Product Length	82.3 mm[3.24 in]
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Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
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Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	148
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Packaging Method	Box
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Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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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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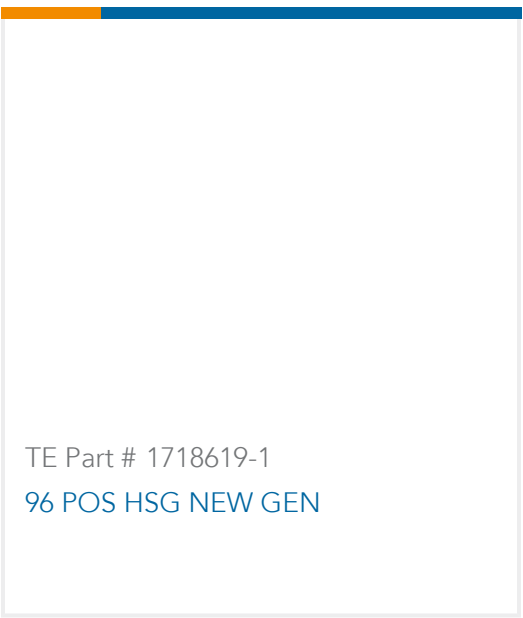
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

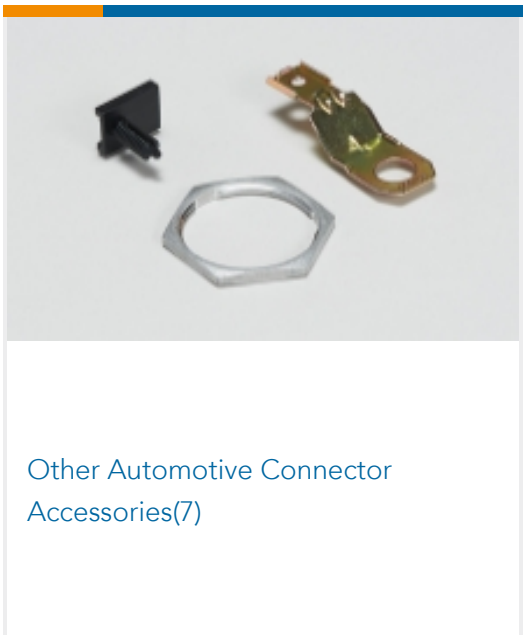
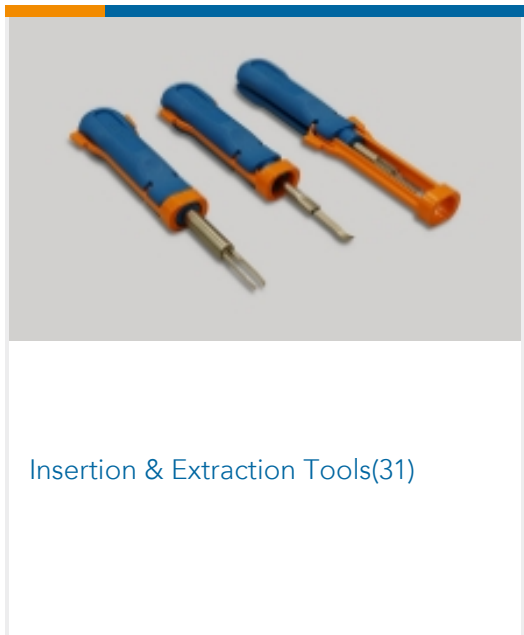
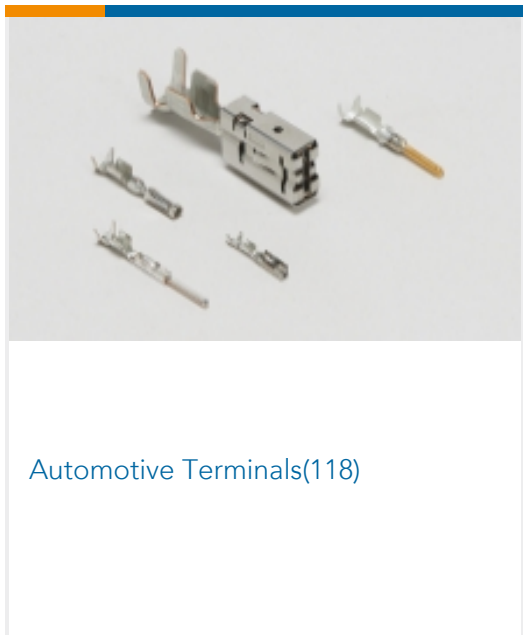
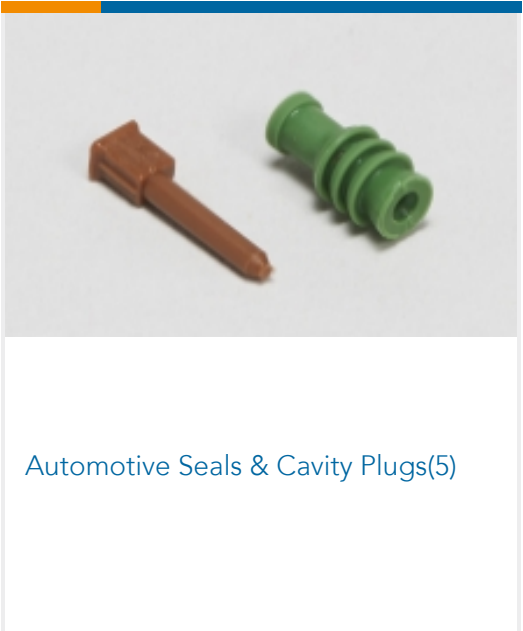
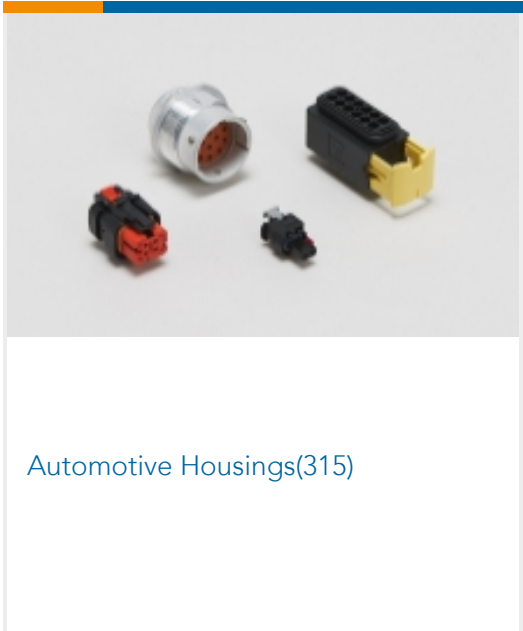
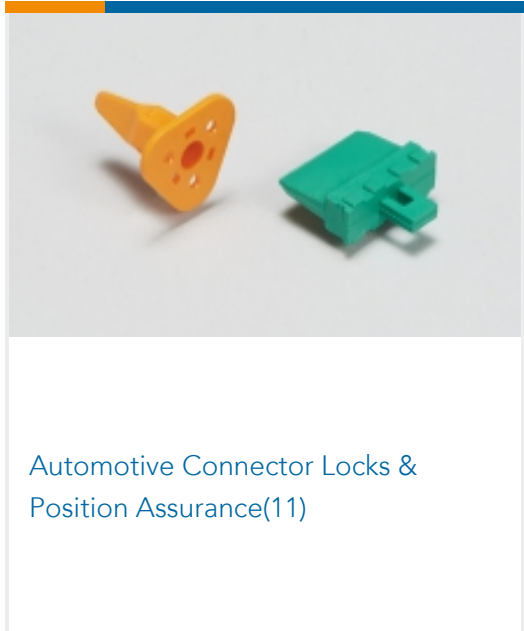
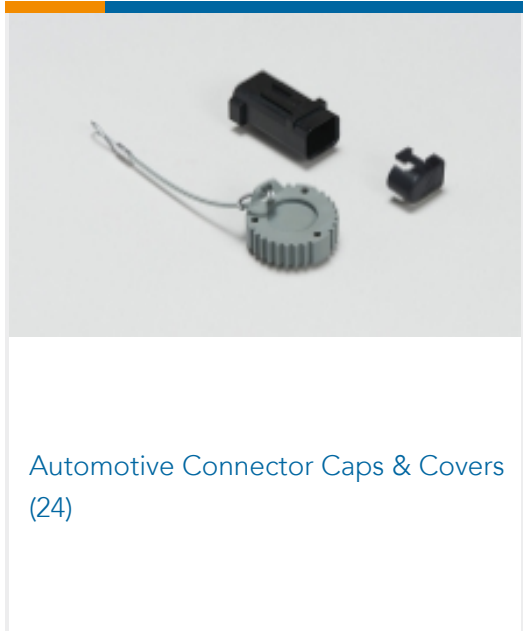
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

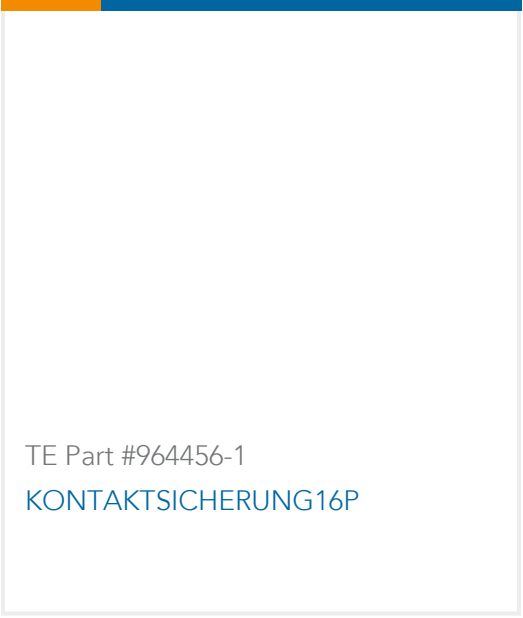
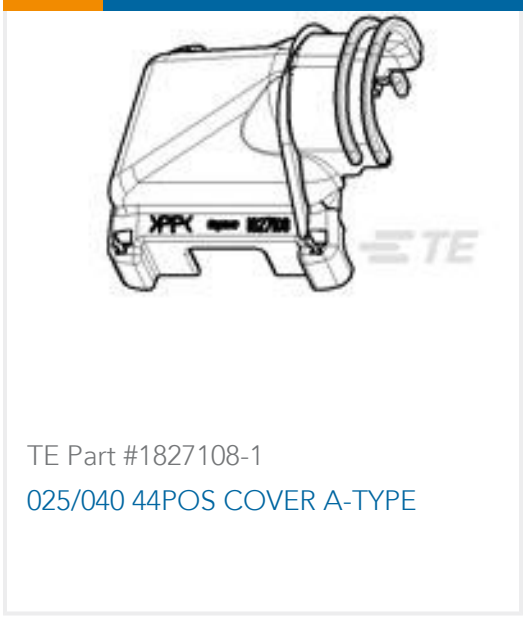
 <p>TE Part # 1452862-1 COVER 96POS. ASSY</p>	 <p>TE Part # 1452388-1 2 LOCKING DEVI1.2</p>	 <p>TE Part # CAT-M4595-T273 MCON Receptacle and Tab</p>	 <p>TE Part # 1452389-1 COVER ASSY 96 POS.</p>
 <p>TE Part # 1452388-2 SECONDARY LOCK FOR 96 POS CONN</p>	 <p>TE Part # 1-1452424-2 BLIND PLUG FOR MCON 1.2 CB (1.</p>	 <p>TE Part # 1-1452424-1 BLIND PLUG FOR MCON 1.2 CB (0,</p>	 <p>TE Part # 1718618-1 COVER FOR FAM SEAL 96 POS NEW GEN</p>



Also in the Series | MCON Interconnection System



Customers Also Bought





Documents

Product Drawings

[96POS,MCON-1.2 CB,REC HSG,ASSY](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_9-1563173-9_D.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_9-1563173-9_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-1563173-9_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[MCON Interconnection System](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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