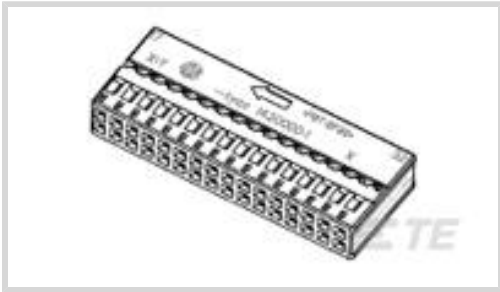




Connectors > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING



Connector System: **Wire-to-Board, Wire-to-Wire**
Number of Positions: **32**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **2.54 mm [.1 in]**
Sealable: **No**

[All MQS, CONNECTOR HOUSING \(435\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	32
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Natural
Connector & Keying Code	Neutral



Contact Features

Contact Size	.63mm
Contact Type	Receptacle
Mating Tab Width	.63 mm[.025 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Height	7 mm[.276 in]
Product Width	16 mm[.63 in]
Row-to-Row Spacing	5.5 mm[.217 in]

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 - 120 °C[-40 - 248 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	2500
Packaging Method	Bag

Other

Serviceable	Yes
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

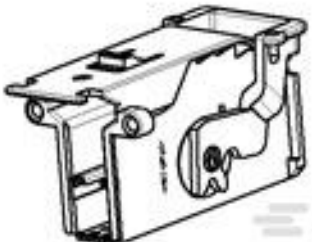
Product Compliance Disclaimer

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



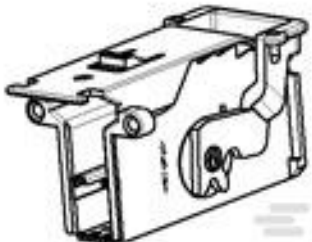
TE Part # CAT-SIGH262
Signal Header



TE Part # 1534222-2
MQS ABDECKKAPP2X16P



TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB



TE Part # 1534222-1
MQS COVER 2X16P

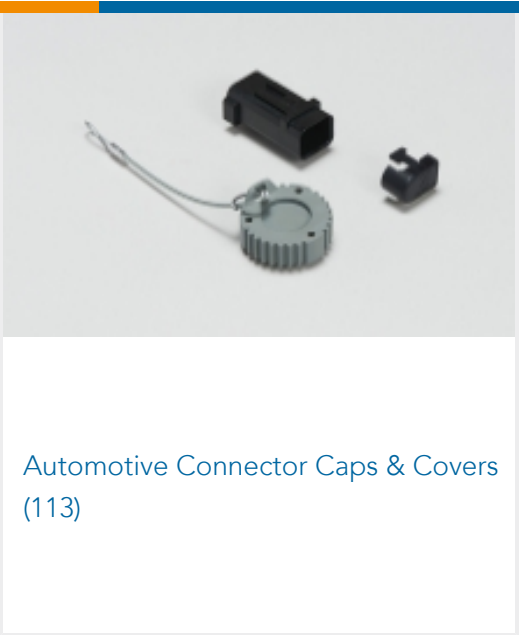


TE Part # 1420001-1
MQS VERSCHL.PLATTE



TE Part # 1989718-1
COVER ASSY MQS HSG 2X16 POSN.

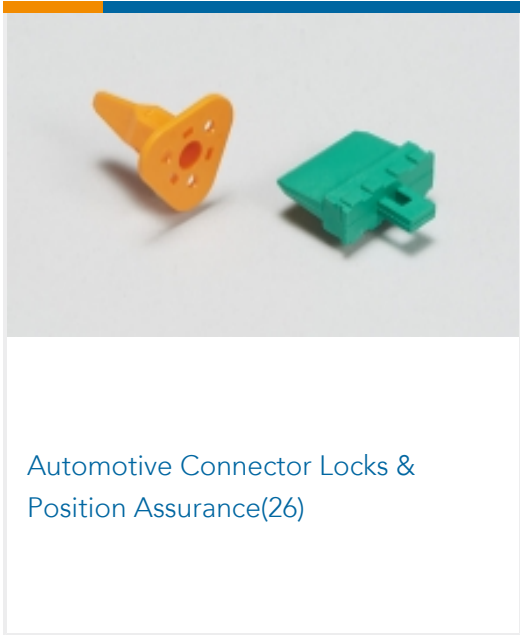
Also in the Series | MQS



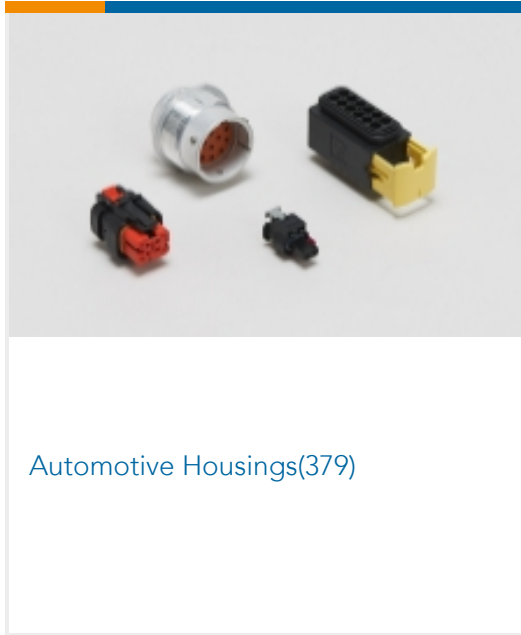
Automotive Connector Caps & Covers
(113)



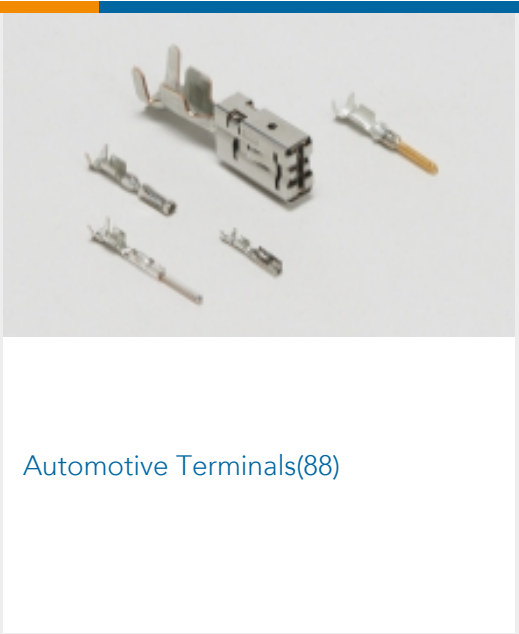
Automotive Connector EMC Shielding
(3)



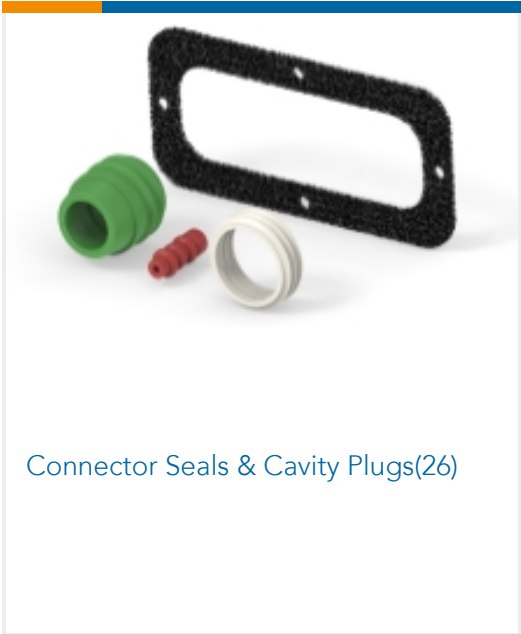
Automotive Connector Locks &
Position Assurance(26)



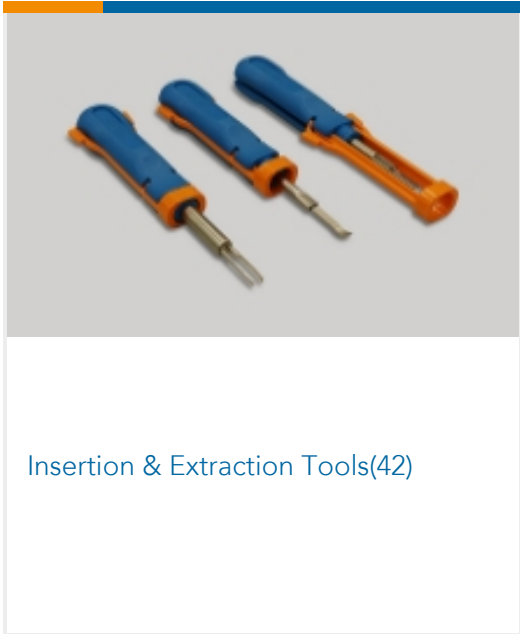
Automotive Housings(379)



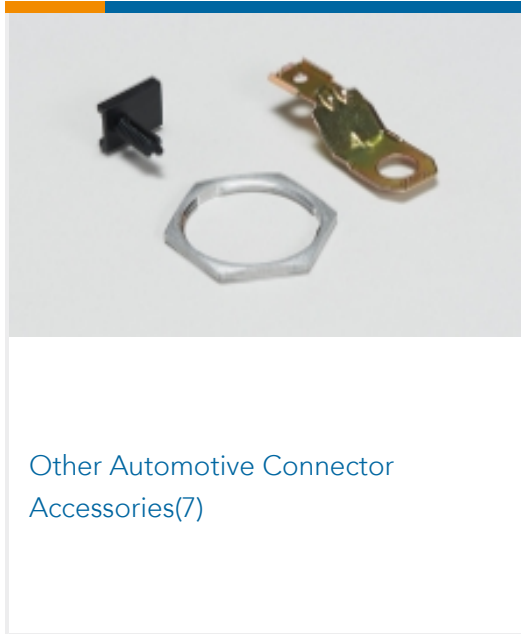
Automotive Terminals(88)



Connector Seals & Cavity Plugs(26)



Insertion & Extraction Tools(42)

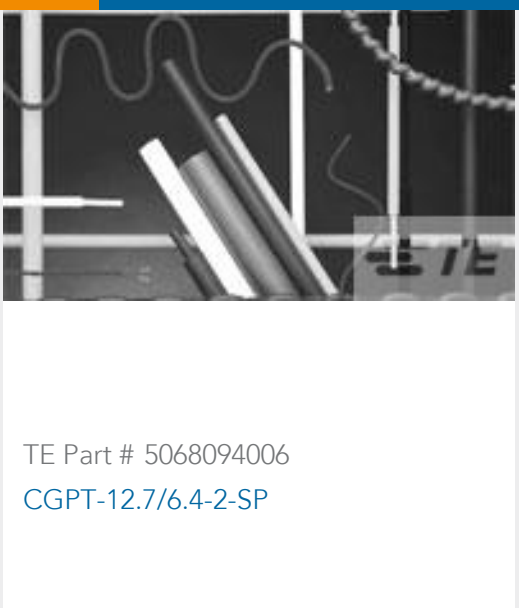


Other Automotive Connector
Accessories(7)



PCB Headers & Receptacles(143)

Customers Also Bought



TE Part # 5068094006
CGPT-12.7/6.4-2-SP



TE Part # 929092-1
MCP2,8 GEH ASSY2X8P

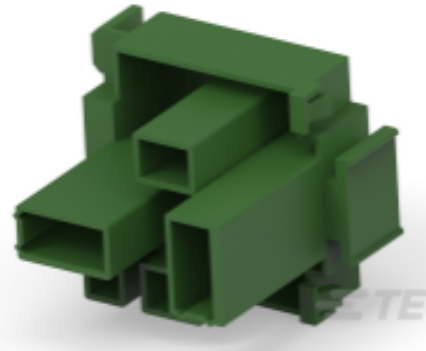


TE Part # 520971-4
ULTRA-POD 250 ASY REC 18-14 AWG
TPBR

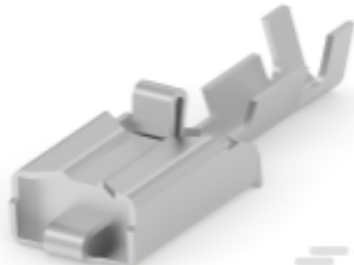


TE Part # 1743637-2
HYB SLD 36P PLUG COVER HSG

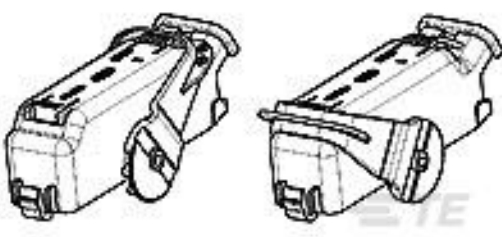




TE Part # 2066438-1
FR GRADE 70 A RELAY BASE



TE Part # 2196069-2
250 SER RCPT TERM SMALL TIN PLATED



TE Part # 1379209-2
26W COVER ASSEMBLY

TE Part # 1203559-1
DUAL EXTERNAL RELAY BASE MICRO (FR)

TE Part # 2307642-1
8POS,ECONOSEAL,REC HSG ASSY, SLD

TE Part # 2307647-1
TPA REC HSG,8POS,ECONOSEAL

Documents

Product Drawings

32POS MQS REC

English

CAD Files

Customer View Model

ENG_CVM_CVM_1420000-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1420000-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1420000-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

Micro Quadlok Interconnection System (MQS)

English

Product Specifications

Application Specification

English