

1241765-2 ✓ ACTIVE

AMP | MQS

TE Internal #: 1241765-2

Housing for Female Terminals, Wire-to-Board, 16 Position, .1 in [2.54 mm] Centerline, Black, Wire & Cable, Signal, Cable Mount (Free-Hanging), MQS

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



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

Number of Positions: **16**

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

Centerline (Pitch): **2.54 mm [.1 in]**

Sealable: **No**

[All MQS, CONNECTOR HOUSING \(437\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	16
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Electrical Characteristics

Nominal Voltage Architecture	24 V
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Body Features



Cable Exit Angle	180°
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Primary Product Color	Black
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Contact Features

Contact Size	2.8mm
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Contact Type	Receptacle
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Mating Tab Width	2.8 mm[.11 in]
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Contact Current Rating (Max)	6 A
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Mechanical Attachment

Terminal Position Assurance	No
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Strain Relief	Without
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Mating Alignment Type	Polarized
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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)	2.54 mm[.1 in]
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Dimensions

Row-to-Row Spacing	5.5 mm[.216 in]
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Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
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Operating Temperature Range	-40 – 130 °C[-40 – 26 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	400
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Packaging Method	Bag
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Other

Serviceable	No
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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
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 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-DCH2623
Data Connectivity Header



TE Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



TE Part # 2-1355524-3
MQS ABDECKKAPPE 12P



TE Part # 1-1355524-3
MQS ABDECKKAPPE 12P



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



TE Part # CAT-LMPH9507
Low & Medium Power Header



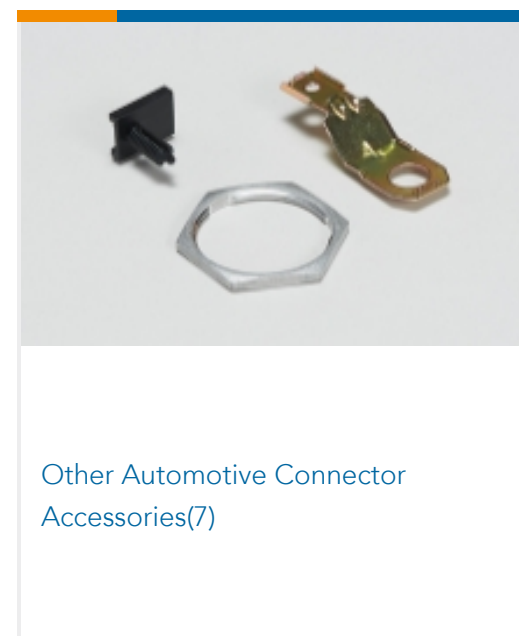
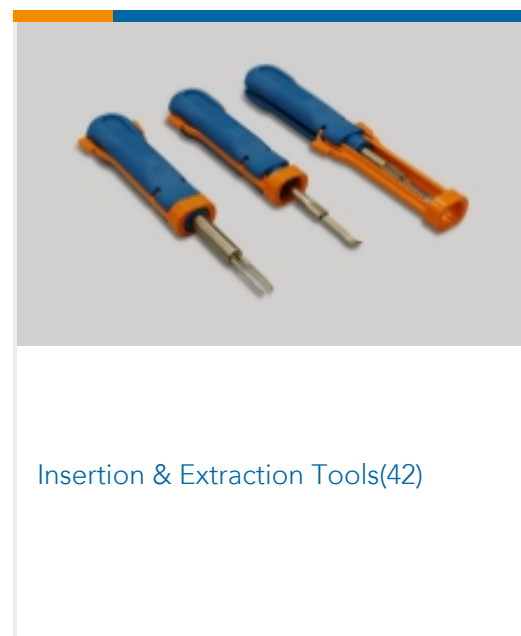
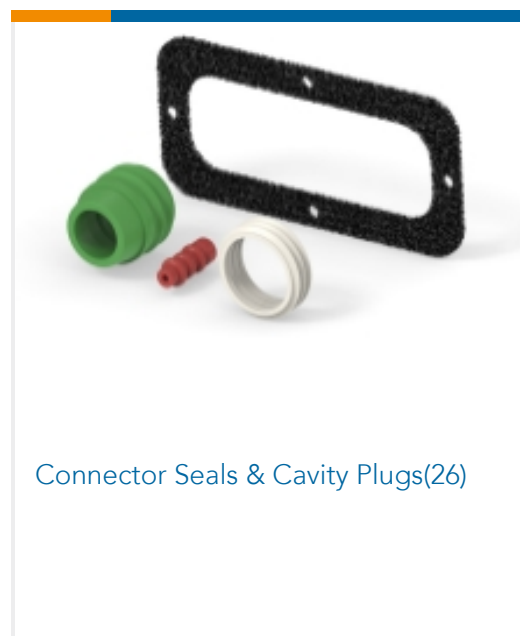
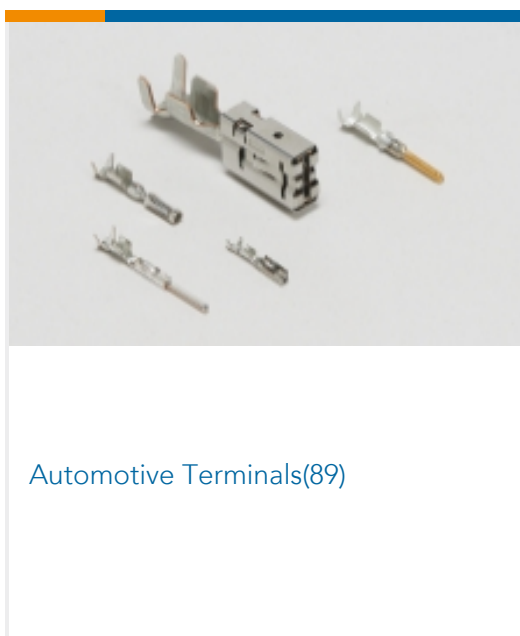
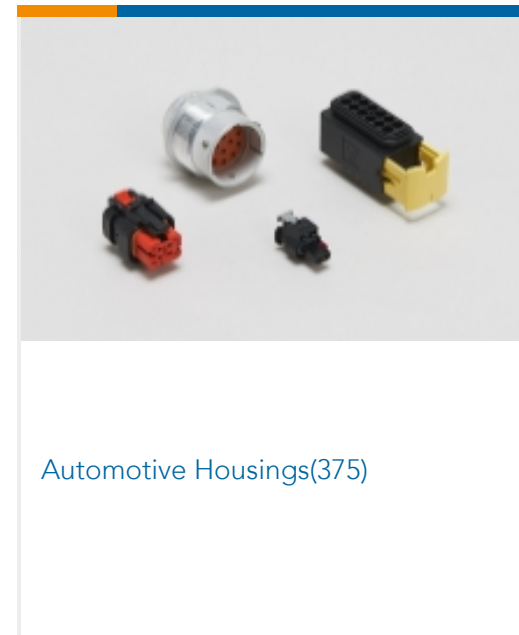
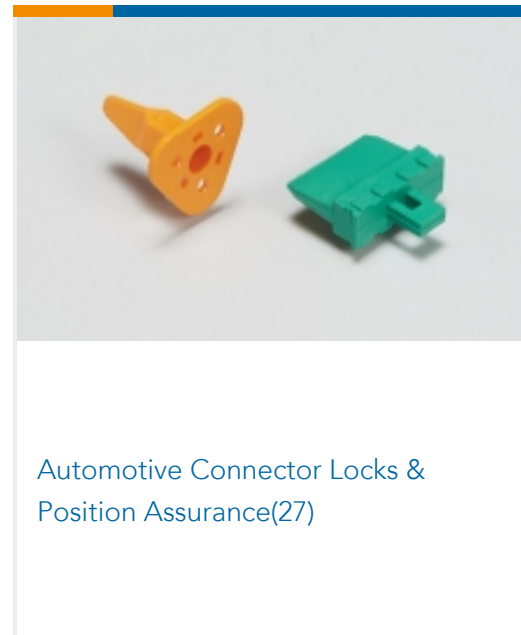
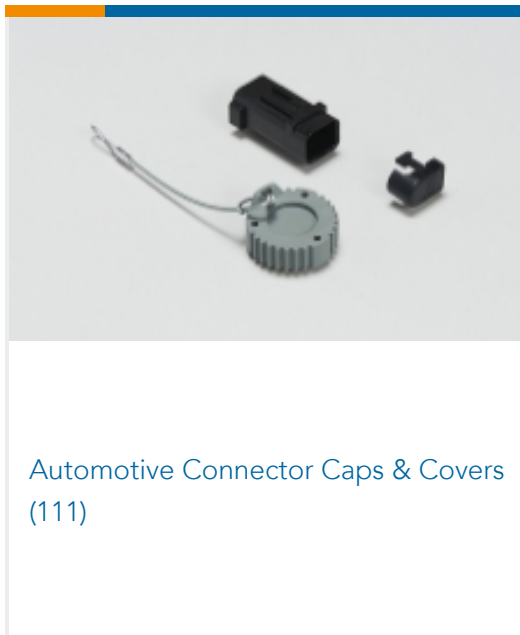
TE Part # 2208788-1
52POS, MIXED,HEADER ASSY



TE Part # 1355528-2
MPQ 2.KONT-SICHNG8P

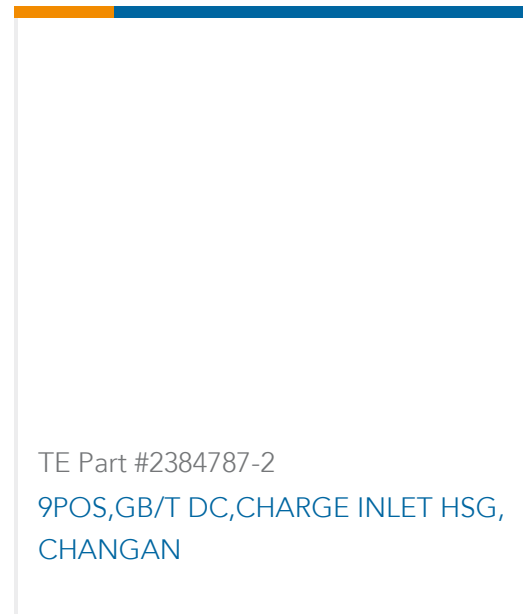


Also in the Series | MQS



Customers Also Bought





Documents

Product Drawings

16POS MIXED MQS REC

English

CAD Files

Customer View Model

[ENG_CVM_1241765-2_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1241765-2_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1241765-2_F.2d_dxf.zip](#)

English

3D PDF

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

Connector with optical contacts (MOST) and electrical contacts

English

Application Specification

English

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