1719059-1 ✔ ACTIVE

MQS

TE Internal #: 1719059-1

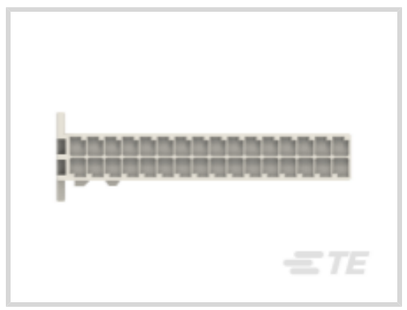
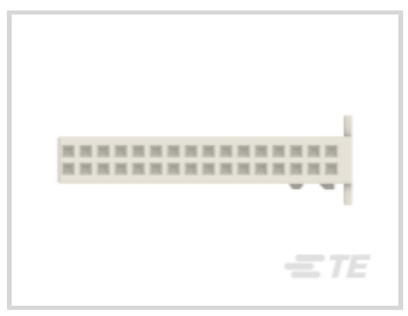
12 V, 32 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 2.54 mm [.1 in] Centerline, Natural, Wire & Cable, Signal

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > MQS 0.63mm Unsealed Connectors





Nominal Voltage Architecture: **12 V**

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

Number of Positions: **32**

Sealable: **No**

Operating Temperature Range: **-40 – 120 °C [-40 – 248 °F]**

All MQS 0.63mm Unsealed Connectors (140)

Features

Product Type Features

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

Configuration Features

Number of Positions	32
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VAC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	90 °
Primary Product Color	Natural

Contact Features

Contact Size	.64mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF20
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Compatible Insulation Diameter Range	.81 mm[.032 in]
Product Width	16.5 mm[.65 in]
Product Length	42.6 mm[1.68 in]
Connector Height	13 mm[.512 in]

Usage Conditions

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

Operation/Application

Conforms to Automation Guideline	Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

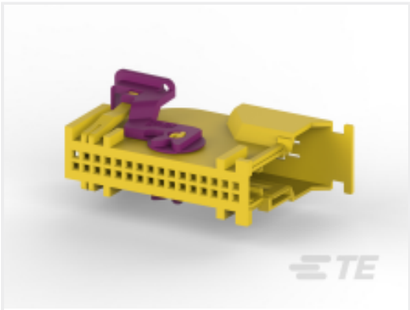
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

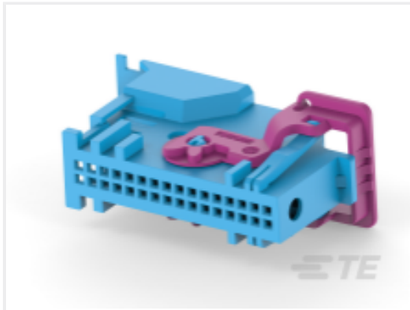
Product Compliance Disclaimer

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 # 2278196-1
MQS COVER ASS'Y, 2X16 POSN.



TE Part # 1-2278196-1
MQS COVER ASS'Y, 2X16 POSN.



TE Part # 2050723-5
COVER FOR MQS HSG 2x16 POS ASSY



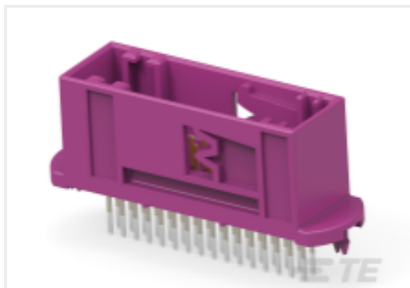
TE Part # CAT-N01-MT063
MQS 0.63mm Terminals



TE Part # CAT-SIGH262
Signal Header



TE Part # 2050723-1
COVER FOR MQS HSG 2x16 POS ASSY



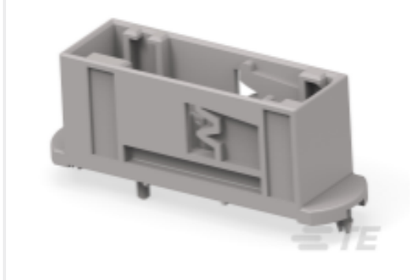
TE Part # 9-966658-9
PIN HEADER, ASSY 2X16POS.



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



TE Part # 2278196-2
MQS COVER ASS'Y, 2X16 POSN.

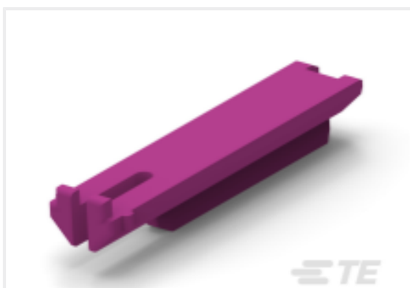


TE Part # 2-966658-3
32pos MQS .63 header 180deg

Customers Also Bought



TE Part #CAT-N02-MUC063
MQS 0.63mm Unsealed Connectors



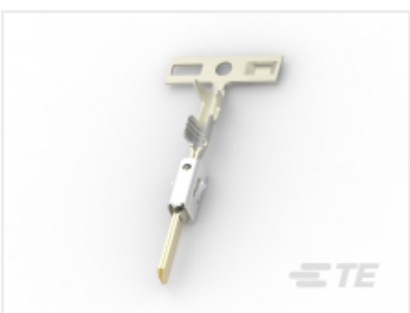
TE Part #1-1355034-1
JPT KONTSICHERUNG8P



TE Part #5-1418758-2
MCON 1.2 LL TAB STC AU



TE Part #CAT-NA9-MMCS
MQS Mixed Connectors Signal-Power



TE Part #2141882-3
TAB A 1.6x0.6 CONTACT CS SRC Au



TE Part #7-2151041-7
OCEAN_2.0_SPARE_PART_KIT-050F120O

TE Part #2492130-1
DIE SET2 NT 1438944 T 10-16MM2

TE Part #2492131-1
DIE SET2 NT 6842977 T 16-25MM2

Documents

Product Drawings

32POS MQS REC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1719059-1_A_c-1719059-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1719059-1_A_c-1719059-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1719059-1_A_c-1719059-1-a.3d_stp.zip

English

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Product Specifications

Application Specification

English