1420000-1 ✔ ACTIVE

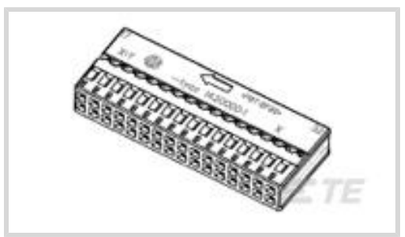
MQS

TE Internal #: 1420000-1

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

View on TE.com >

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 (353)

Features

Product Type Features

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
Mixed & Hybrid Connector	No
Connector Shape	Rectangular

Configuration Features

Number of Positions	32
Number of Rows	2

Housing Features

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

Contact Features

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

Contact Type	Receptacle

Body Features

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

Operation/Application

Circuit Application	Signal

Mechanical Attachment

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

Usage Conditions

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

Electrical Characteristics

Nominal Voltage Architecture	12 V
Operating Voltage	12 VDC

Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	Yes

Dimensions

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

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	2500
Packaging Method	Bag

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1534222-2
MQS ABDECKKAPP2X16P



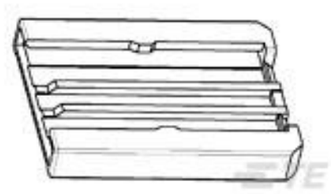
TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB



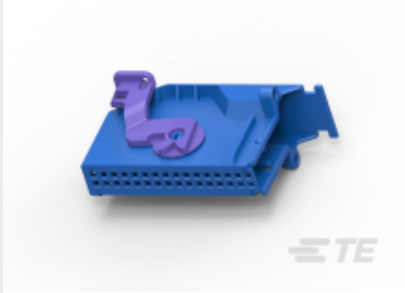
TE Part # CAT-SIGH262
Signal Header



TE Part # 1534222-1
MQS COVER 2X16P



TE Part # 1420001-1
MQS VERSCHL.PLATTE



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

Customers Also Bought

TE Part #1534579-1
16POS MQS REC COD A

TE Part #2141900-3
MT 2,TERMINAL

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

TE Part #1534184-2
MCP COVER ASSY32P



TE Part #1743638-2
HYB SLD 36P CAP COVER HSG



TE Part #2112668-1
23POS MIXED MQS REC



TE Part #2112669-1
23POS MIXED MQS REC



TE Part #2112674-1
37POS MIXED MQS REC COD A

TE Part #2112675-1
36POS MIXED MQS REC COD A

TE Part #2112675-3
36POS MIXED MQS REC COD C

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.

Product Specifications

Application Specification

English