965612-2 ✔ ACTIVE

MQS

TE Internal #: 965612-2

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

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings







Number of Positions: **32**

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

Mating Tab Width: **.63 mm [.025 in]**

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

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

Features

Product Type Features

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

Configuration Features

Number of Positions	32
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°

Primary Product Color	Black
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

Strain Relief	Without
Terminal Position Assurance	Yes
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

Row-to-Row Spacing	2.54 mm[.1 in]
Product Width	16 mm[.629 in]
Product Length	41.9 mm[1.649 in]
Connector Height	7 mm[.275 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	2500
Packaging Method	Carton

Other

Connector Position Assurance Capable	No

Product Compliance

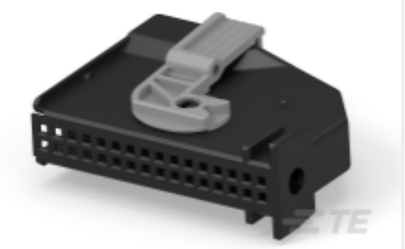
For compliance documentation, visit the product page on TE.com>

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: 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 reviewed 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

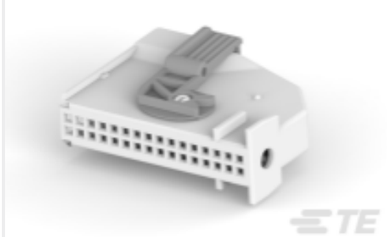
Compatible Parts



TE Part # 1-967348-2
MQS KAPPE KPL 32P

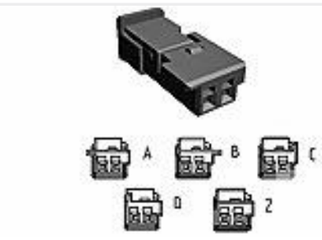


TE Part # 1-967742-1
32pos MQS .63 header 180deg



TE Part # 2-967348-2
MQS SHIELD FOR HOUSING 32POS.

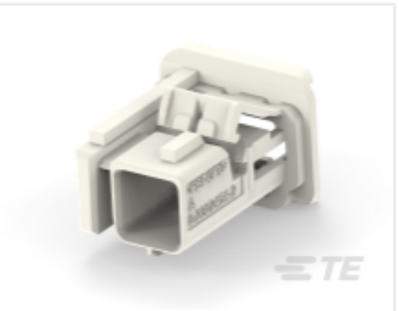
Customers Also Bought



TE Part #9-1718333-1
2POS MQS REC COD Z



TE Part #2301239-1
DTB TAB HSG ASSY, 49POSN., FAKRA TYPE



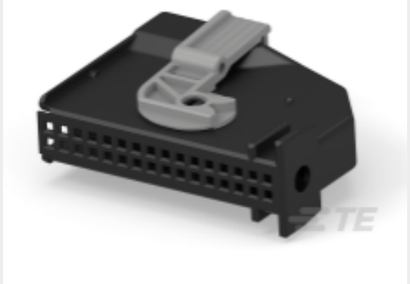
TE Part #2302454-2
1-PORT MATENET FRAME,UTP, COD B



TE Part #2301238-1
DTB PLUG HSG ASSY, 49POSN., FAKRA TYPE



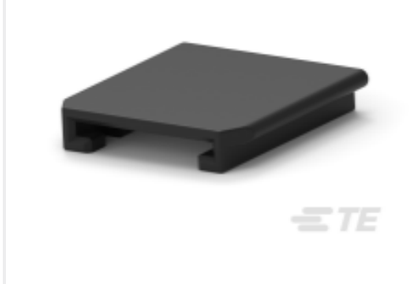
TE Part #CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB



TE Part #1-967348-2
MQS KAPPE KPL 32P



TE Part #2236905-1
NANO TAB 0.5X0.4,TERMINAL



TE Part #965343-2
MQS DECKEL

Documents

Product Drawings

32POS MQS REC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_965612-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_965612-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_965612-2_A.3d_stp.zip

English

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Product Specifications

Product Specification

English