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 (573)

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
Electrical Characteristics	
Nominal Voltage Architecture	24 V



Cable Exit Angle	180°
Primary Product Color	Black
Contact Features	
Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	6 A
Mechanical Attachment	
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	PA GF
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Row-to-Row Spacing	5.5 mm[.216 in]
Usage Conditions	
Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 26 °F]
Operation/Application	
Circuit Application	Signal
Packaging Features	
Packaging Quantity	400
Packaging Method	Bag
Other	
Serviceable	No
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 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-onreach

Compatible Parts



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



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



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





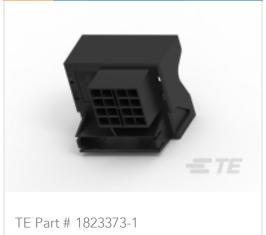
TE Part # CAT-M8793-T273 MQS, RECEPTACLE AND TAB



TE Part # CAT-LMPH9507 Low & Medium Power Header



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



16POS,TAB 2.8X0.8,TAB HSG









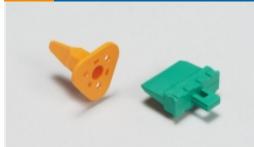
Also in the Series | MQS



Automotive Connector Caps & Covers (138)



Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance(30)



Automotive Housings(507)



Automotive Terminals(104)



Connector Seals & Cavity Plugs(27)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(14)



PCB Headers & Receptacles(213)

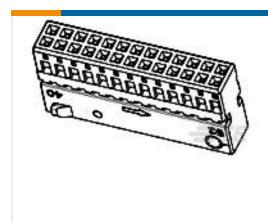
Customers Also Bought



TE Part #1379659-1 8W PLUG HOUSING ASSY BLAC



TE Part #1-963736-1
TAB 5.8x0.8 CONTACT CS SRC Sn



TE Part #1-968326-1 26POS MQS REC COD A















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

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

