

1-967587-3 ✓ ACTIVE

AMP | MQS

TE Internal #: 1-967587-3

Housing for Male Terminals, Wire-to-Wire, 6 Position, .138 in [2.54 mm] Centerline, Sealable, Black, Signal, Cable Mount (Free-Hanging), MQS

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



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

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

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

Number of Positions: **6**

Centerline (Pitch): **2.54 mm [.138 in]**

[All MQS, CONNECTOR HOUSING \(557\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Black
Connector Code	A



Contact Features

Contact Size	.63mm
Contact Type	Tab
Mating Tab Width	.63 mm[.025 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.54 mm[.138 in]
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Dimensions

Product Width	41.2 mm[1.622 in]
Product Length	27.2 mm[1.071 in]
Product Height	14.4 mm[.567 in]
Row-to-Row Spacing	5.9 mm[.232 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP69K
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Packaging Features

Packaging Method	Carton
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Other

Serviceable	Yes
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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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

 <p>TE Part # CAT-M8793-CH8172 MQS, CONNECTOR HOUSING</p>	 <p>TE Part # 7-967616-3 6 POS MQS SOCKET HSG</p>	 <p>TE Part # 963730-2 MQS PIN CONTACT WITH SPRING</p>	 <p>TE Part # 1-967616-3 MQS SOCKET HSG SWS 6 POS</p>
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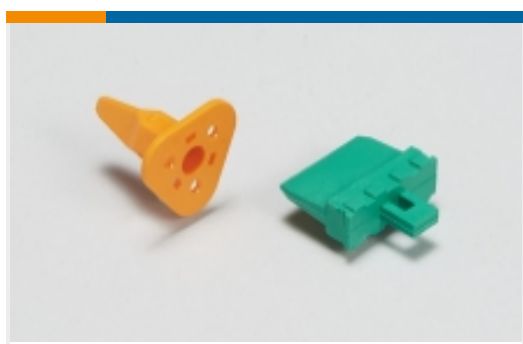
Also in the Series | **MQS**



Automotive Connector Caps & Covers (131)



Automotive Connector EMC Shielding (2)



Automotive Connector Locks & Position Assurance(29)



Automotive Housings(489)



Automotive Seals & Cavity Plugs(26)



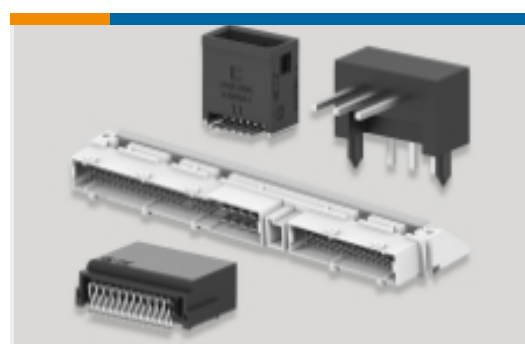
Automotive Terminals(96)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(13)



PCB Headers & Receptacles(207)

Customers Also Bought



TE Part #188746-1
CONTACT REC HE13 COSI GOLD PLATED



TE Part #1-794218-0
MINI UMNL2 PIN 26-22AWG AU LF



TE Part #1011-273-0205
BKSHL, 2P, BLK, PLG, ST, NW 7.5/8.5



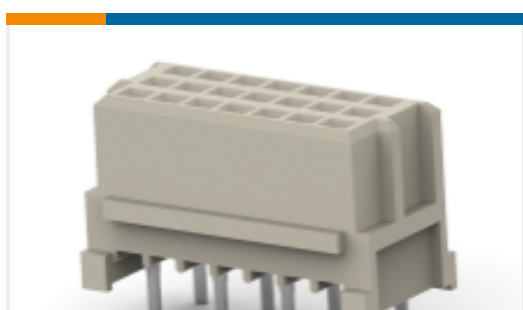
TE Part #965601-2
MQS, CONNECTOR HOUSING



TE Part #5677652002
RNF-3000-9/3-2-STK



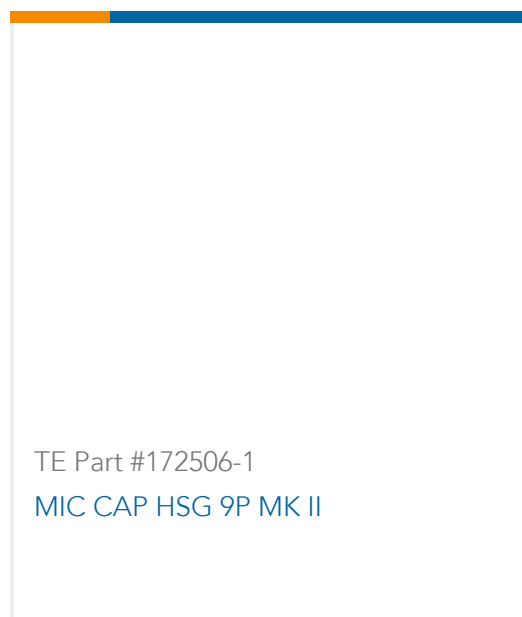
TE Part #1452317-1
COVER F.16P JPT HSG



TE Part #1393657-1
V42254F2299R 1=PC612 FEDERLEI



TE Part #1-180905-0
FF 250 REC HSG 1P NYLON NAT



Documents

Product Drawings

[6POS MQS TAB SEALED COD A](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-967587-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-967587-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-967587-3_A.3d_stp.zip](#)

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

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English