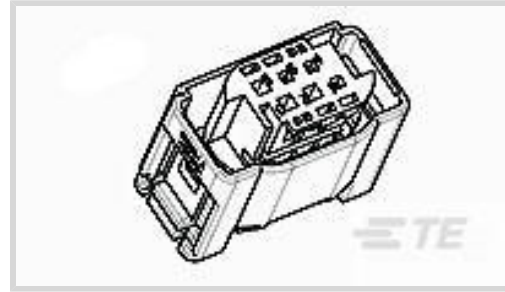# 1-967616-1 ✔ ACTIVE

AMP | MQS

TE Internal #: 1-967616-1

Housing for Female Terminals, Wire-to-Wire, 6 Position, .157 in [4 mm] Centerline, Sealable, Black, Wire & Cable, Signal, MQS

View on TE.com >

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

Connector & Housing Type: Housing for Female Terminals

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

Connector System: Wire-to-Wire

Number of Positions: 6

Centerline (Pitch):   4 mm [.157 in]

All MQS, CONNECTOR HOUSING (571)

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

1-967616-1

Housing for Female Terminals, Wire-to-Wire, 6 Position, .157 in [4 mm] Centerline,
Sealable, Black, Wire & Cable, Signal, MQS

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

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Connector Height	30.4 mm[1.197 in]
Product Width	17 mm[.669 in]
Product Length	24 mm[.945 in]
Row-to-Row Spacing	5.9 mm[.232 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

Degree of Protection	IPX9K

Packaging Features

Packaging Method	Bag

Other

Serviceable	No
Connector Position Assurance Capable	No

Product Compliance

Housing for Female Terminals, Wire-to-Wire, 6 Position, .157 in [4 mm] Centerline, Sealable, Black, Wire & Cable, Signal, MQS

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

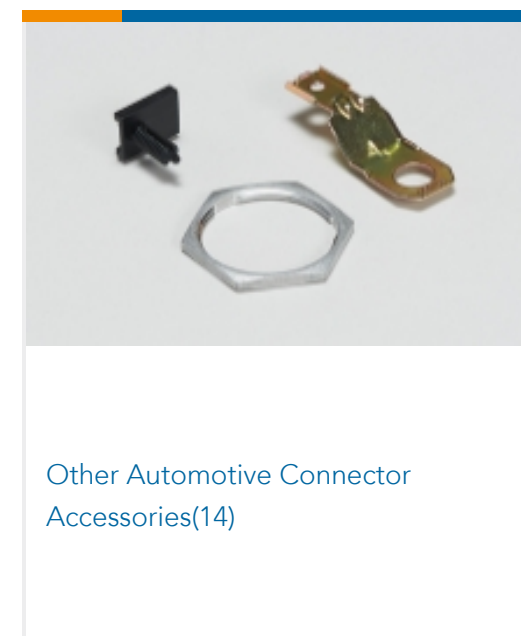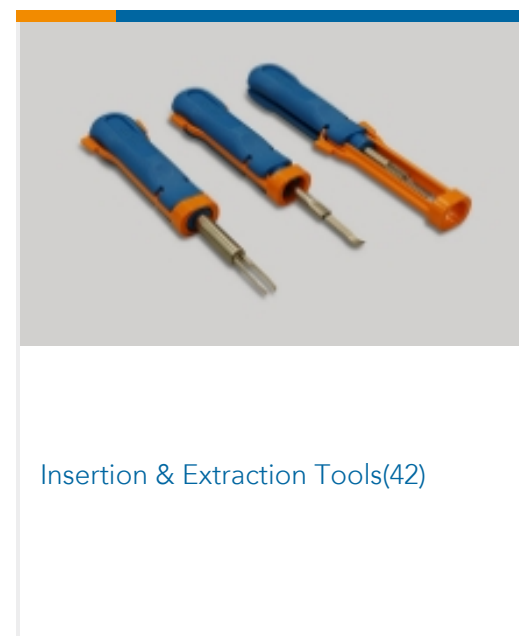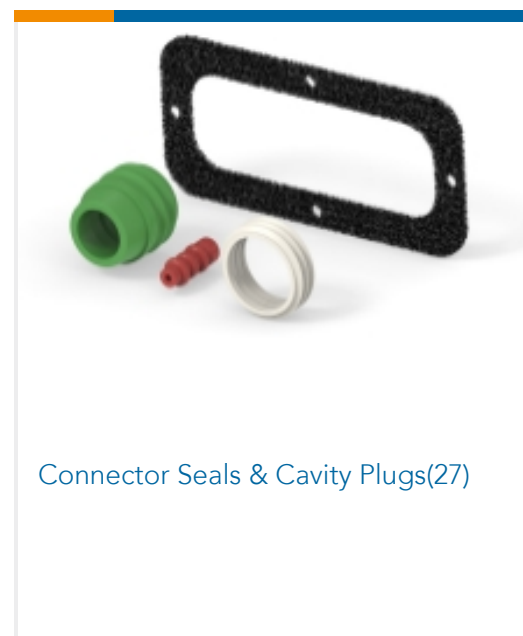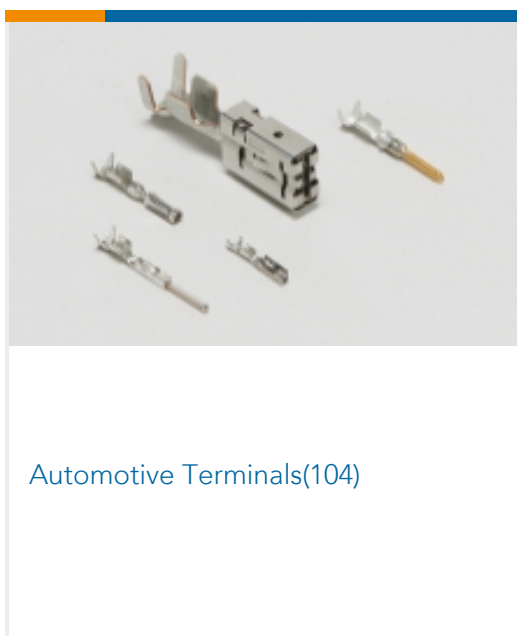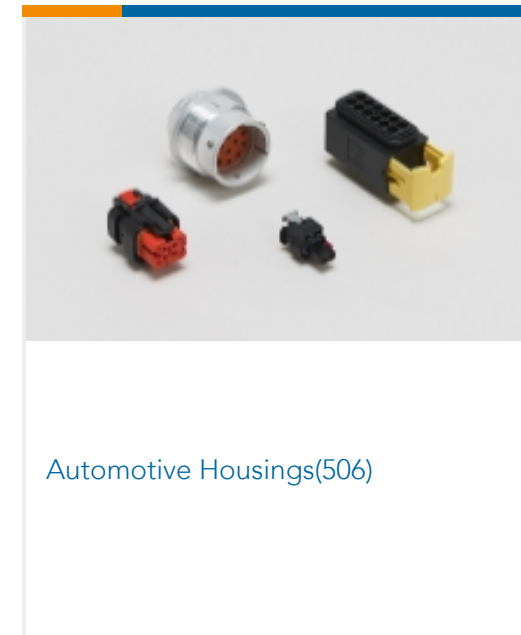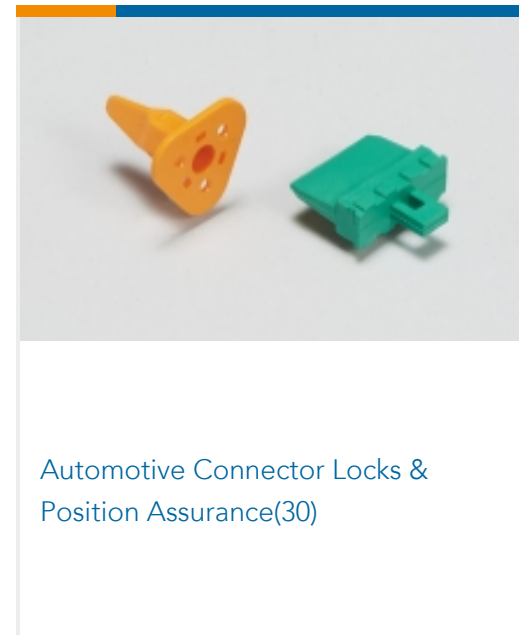| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	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

TE Part # 1-967587-3
6POS MQS TAB SEALED COD A

TE Part # 967056-1
MQS BLINDSTOPFEN4MM

TE Part # 967067-1
MQS SGL WIRE SEAL

TE Part # 967067-2
MQS EINZELLEITDICHT

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

TE Part # 1241637-1
6pos MQS .63 header 90deg

TE Part # 1241637-3
6pos MQS .63 header 90deg

TE Part # 1897096-2
WIRE COVER FOR MQS SLD 6P CONN'R

1-967616-1

Housing for Female Terminals, Wire-to-Wire, 6 Position, .157 in [4 mm] Centerline, Sealable, Black, Wire & Cable, Signal, MQS

TE Part # 968303-1

MQS PROTECTIV COVER FOR SOCKET HSG 6POS

Also in the Series | MQS

Automotive Connector Caps & Covers (138)

Automotive Connector EMC Shielding (3)

Automotive Connector Locks & Position Assurance(30)

Automotive Housings(506)

Automotive Terminals(104)

Connector Seals & Cavity Plugs(27)

Insertion & Extraction Tools(42)

Other Automotive Connector Accessories(14)

PCB Headers & Receptacles(214)

Customers Also Bought

TE Part #5-160446-6

FF 250 REC 1.0-2.5MM2 BR SILVER PLATED

TE Part #2371245-3

SOC CONN CVR,3POS,DIA 4MM,ICT CVE

TE Part #5-965906-5

MQS, RECEPTACLE AND TAB

TE Part #2278584-1

67 POS,MIXED,REC HSG,ASSY, SEALED TYPE180

Housing for Female Terminals, Wire-to-Wire, 6 Position, .157 in [4 mm] Centerline, Sealable, Black, Wire & Cable, Signal, MQS

TE Part #1-2203773-1
4POS, MCON 1.2 CB REC 1p TL SEALED

TE Part #281871-1
5MM PITCH TAB/RECPT CONN

TE Part #453806-1
CRIMPER, WIRE-.110 WIDE F

Documents

Product Drawings

6POS MQS REC SEALED COD A

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-967616-1_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-967616-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-967616-1_F.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

CONNEXTIONS ETANCHES 2,3,4,6,8 ET 12 POSITIONS Micro Quadlock System Micro Twinleaf

English

Application Specification

English

SHROUDED CONNECTION, 6 POS.

English

Application Specification

English