

968473-1 ✓ ACTIVE

AMP | MQS

TE Internal #: 968473-1

Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 12 Position, .1 in [2.54 mm] Centerline, Black, Signal, Cable Mount (Free-Hanging), MQS

[View on TE.com >](#)



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



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

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

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

Number of Positions: **12**

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

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

## Features

### Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal

### Configuration Features

Number of Positions	12
Number of Rows	2

### Body Features

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

### Contact Features

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



### Mechanical Attachment

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

### Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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### Dimensions

Product Width	16.7 mm[.657 in]
Product Length	18.75 mm[.738 in]
Product Height	14.2 mm[.559 in]
Row-to-Row Spacing	2.54 mm[.1 in]

### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94HB
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### Packaging Features

Packaging Method	Carton
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### 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224)

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 # CAT-SIGH262  
SIGNAL HEADER



TE Part # 929051-1  
MQS ABDEKA M.HEB12P




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




TE Part # 2138577-1  
12P Hand Mate MQS Shield

## Also in the Series | MQS




Automotive Connector Caps & Covers  
(132)



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)

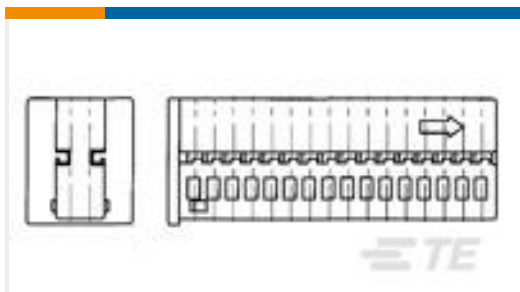


Other Automotive Connector Accessories(13)

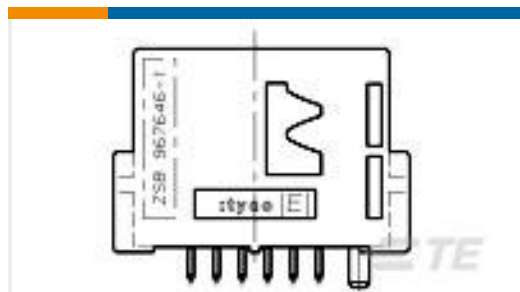


PCB Headers & Receptacles(207)

## Customers Also Bought



TE Part #968265-1  
32POS MQS REC



TE Part #967646-1  
12pos MQS .63 header 180deg



TE Part #1241435-1  
FLA-STE-GEH2,8 6P



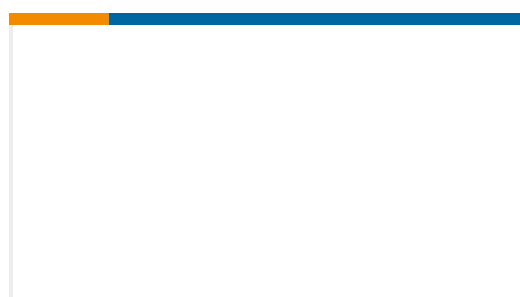
TE Part #2098067-2  
Plug Assembly, Hybrid, BCM, IP2, B Key



TE Part #2098067-5  
Plug Assembly, Hybrid, BCM, B1, E Key



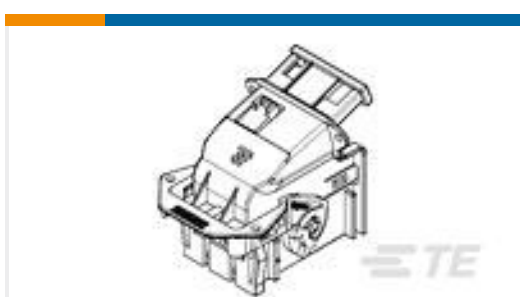
TE Part #2098067-4  
Plug Assembly, Hybrid, BCM, U2, D Key



TE Part #1-2287341-2  
PROTECTION CAP



TE Part #1833011-6  
RZF1-1A4-L024



TE Part #1924346-1  
Shield Assy, 52P Generation Y, LAC, AE



TE Part #1411001-9  
2x4 SEALED HARN ASSY W/O CPA

## Documents



## Product Drawings

### 12POS MQS REC

English

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## CAD Files

### Customer View Model

[ENG\\_CVM\\_968473-1\\_A3.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_968473-1\\_A3.3d\\_stp.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_968473-1\\_A3.2d\\_dxf.zip](#)

English

## 3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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## Datasheets & Catalog Pages

### Micro Quadlok Interconnection System (MQS)

English

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## Product Specifications

### VERARBEITUNGSSPEZIFIKATION ZU MQS-SYSTEM, 12 POL. STIFTWANNE\_BUCHSENSTECKER

English

### Application Specification

English

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## Product Environmental Compliance

### Product Compliance

English

### Product Compliance

English

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## Instruction Sheets

### Instruction Sheet (U.S.)

English