# 965412-1 ✔ ACTIVE

AMP | MQS

TE Internal #: 965412-1

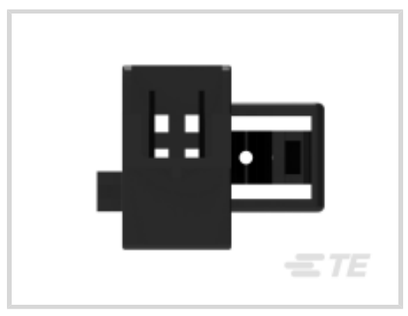
Automotive Connector Caps & Covers, Shield, Cable Exit Angle 180°, Black, PBT GF, 6 Position, -40 – 248 °F [-40 – 120 °C], MQS

View on TE.com >

Connectors > Automotive Connectors > Automotive Connector Accessories > Automotive Connector Caps & Covers







Protection & Strain Relief Accessory Type: **Shield**

Cable Exit Angle: **180°**

Strain Relief: **With**

Primary Product Color: **Black**

Primary Product Material: **PBT GF**

## Features

### Product Type Features

| | |
|---|---|
| Protection & Strain Relief Accessory Type | Shield |

### Configuration Features

| | |
|---|---|
| Number of Positions | 6 |

### Body Features

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

### Mechanical Attachment

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|---|---|
| Strain Relief | With |

### Dimensions

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|---|---|
| Compatible Cable Bundle Diameter Range | 3.3 mm[.13 in] |

### Usage Conditions

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|---|---|
| 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] |

### Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94HB |

### Packaging Features

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|---|---|
| Packaging Quantity | 2000 |
| Packaging Method | Carton |

### Other

| | |
|---|---|
| Serviceable | Yes |

## 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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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

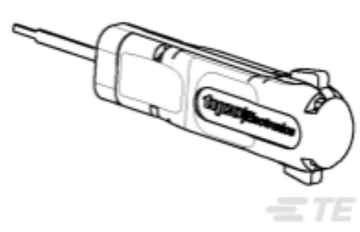
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 965413-1
6POS MQS REC

TE Part # 6-1579007-1
EXTRACTION TOOL

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

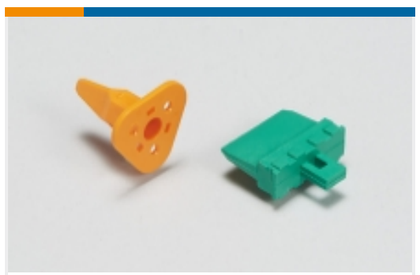


TE Part # 4-1579007-8
EXTRACTION TOOL

## Also in the Series | MQS

Automotive Connector Caps & Covers (138)

Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance(30)

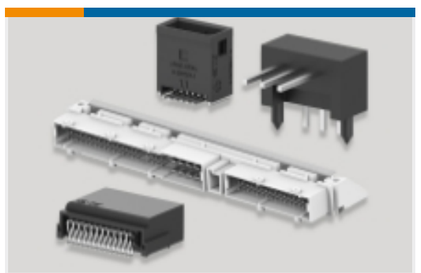
Automotive Housings(507)

Automotive Terminals(104)

Connector Seals & Cavity Plugs(27)

Insertion & Extraction Tools(42)

Other Automotive Connector Accessories(14)



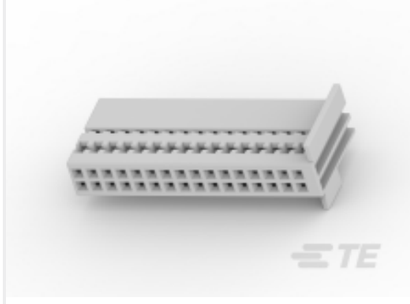
PCB Headers & Receptacles(213)

## Customers Also Bought

TE Part #368503-1
MULTILOCK, CONNECTOR HOUSING

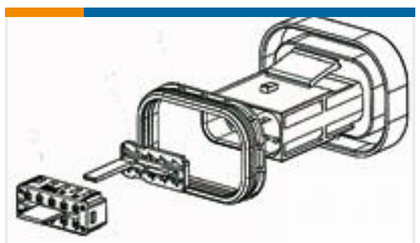
TE Part #1241402-1
AMP MCP 6.3/4.8K, CONTACT

TE Part #2-964300-1
TIMER, RECEPTACLE AND TAB



TE Part #2050656-1
SOCKET HOUSING 32P., MQS

TE Part #6-1419166-2
1X4MALE IL ASSY "B"



TE Part #1801610-2
BULK HEAD, MCON, 10W, CLIPPED

TE Part #2296161-1
ACW-BMW G38 SW HARNESS

TE Part #2296166-1
ACW-BMW G38 SW HARNESS

## Documents

### CAD Files

Customer View Model

ENG_CVM_CVM_965412-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_965412-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_965412-1_A.3d_stp.zip

English