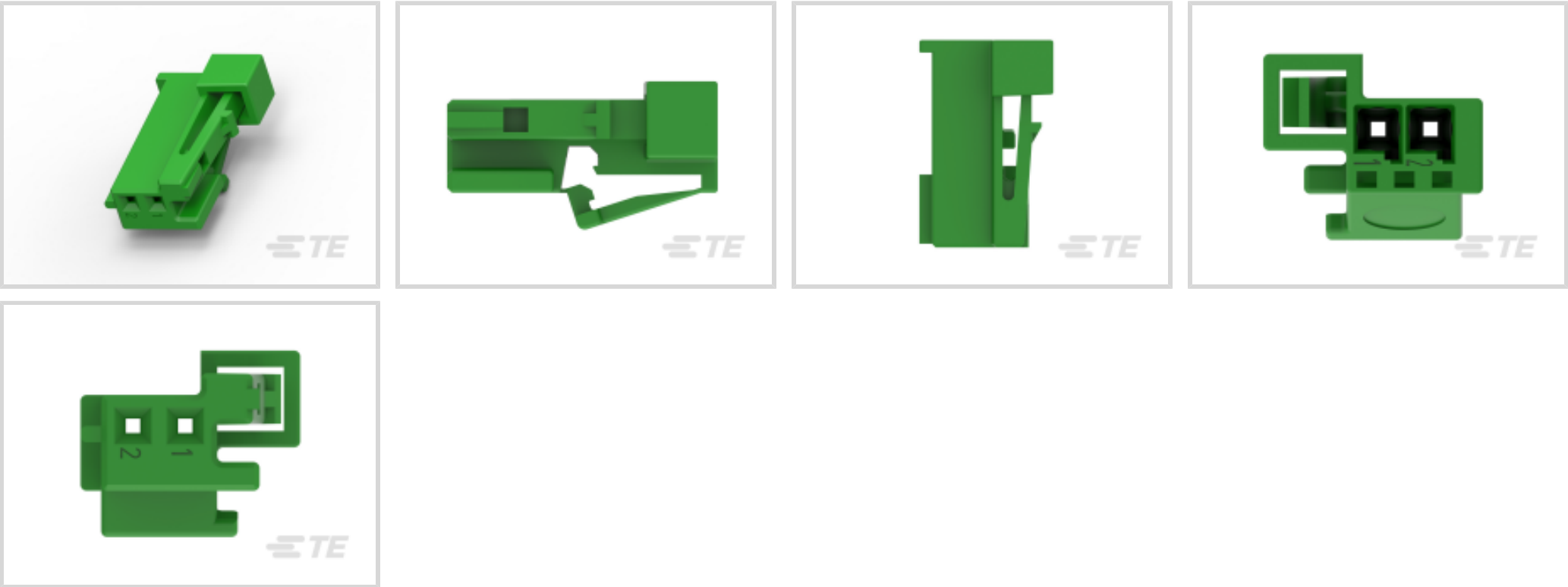# 5-2138650-1  ✓ ACTIVE

## MQS

TE Internal #: 5-2138650-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2 Position, .1 in [2.54 mm] Centerline, Green, Wire & Cable, Signal, MQS

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings



| | |
|---|---|
| Connector System: | **Wire-to-Board, Wire-to-Device** |
| Number of Positions: | **2** |
| Connector & Housing Type: | **Housing for Female Terminals** |
| Centerline (Pitch): | **2.54 mm [ .1 in ]** |
| Sealable: | **No** |

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Number of Positions | 2 |
| Number of Rows | 1 |

### Electrical Characteristics

| | |
|---|---|
| Nominal Voltage Architecture | 12 V |

### Body Features

| | |
|---|---|
| Cable Exit Angle | 180° |

5-2138650-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2 Position, .1 in [2.54 mm] Centerline, Green, Wire & Cable, Signal, MQS

| | |
|---|---|
| Primary Product Color | Green |
| Connector & Keying Code | E |

## Contact Features

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

## 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) | 2.54 mm[.1 in] |

## Dimensions

| | |
|---|---|
| Connector Height | 10.68 mm[.42 in] |
| Product Width | 16.5 mm[.65 in] |
| Product Length | 6.8 mm[.268 in] |

## Usage Conditions

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

## Operation/Application

| | |
|---|---|
| Circuit Application | Signal |

## Industry Standards

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

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 6000 |
| Packaging Method | Bulk |

## Other

5-2138650-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2 Position, .1 in [2.54 mm] Centerline, Green, Wire & Cable, Signal, MQS

| | |
|---|---|
| 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: JAN 2024 (240) <br> Candidate List Declared Against: JAN 2024 (240) <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
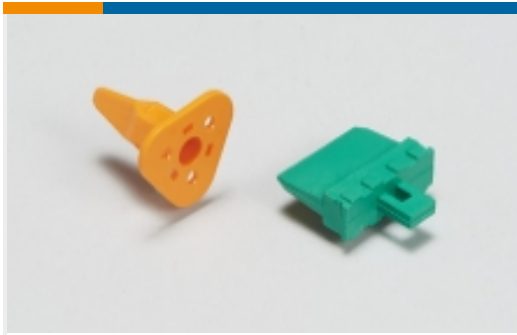
## Compatible Parts



TE Part # 1355717-1
MQS0,63 Sn rec LL unseal. 0,08-0,22

## Also in the Series  |  MQS

# 5-2138650-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2 Position, .1 in [2.54 mm] Centerline, Green, Wire & Cable, Signal, MQS

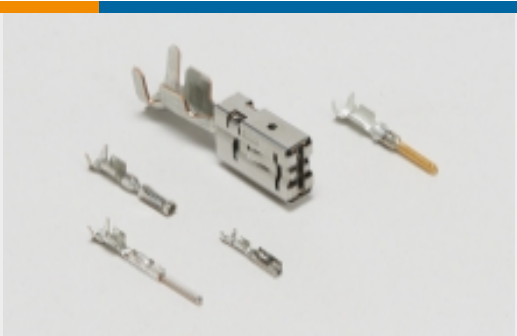Automotive Connector Caps & Covers (113)

Automotive Connector EMC Shielding (3)

Automotive Connector Locks & Position Assurance(26)

Automotive Housings(379)

Automotive Terminals(88)

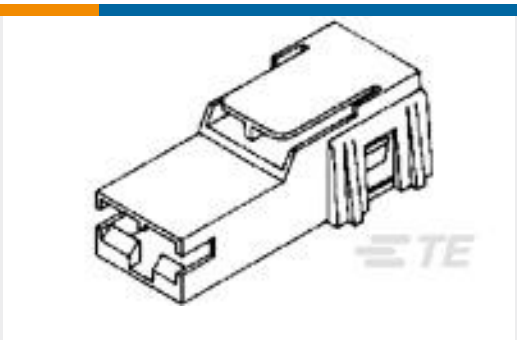Connector Seals & Cavity Plugs(26)

Insertion & Extraction Tools(42)

Other Automotive Connector Accessories(7)

PCB Headers & Receptacles(143)

## Customers Also Bought

TE Part # 520961-1

PL 250 HOUSING BLACK NYLON

TE Part # 1534149-1

MQS RETAINER ,BLACK

TE Part # 1-1437284-0

MERTEC FTERM AU 13002630102

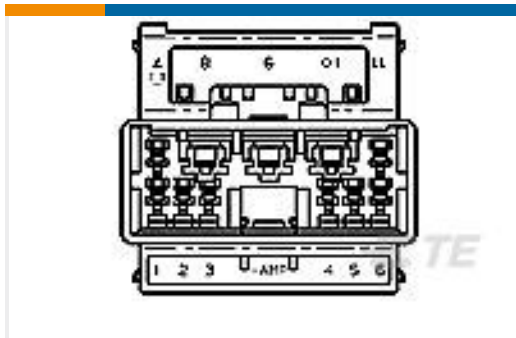TE Part # 6-176146-6

.187 PLUG HSG ASSY 2P GRAY

TE Part # 1-1534150-1

MQS, CONNECTOR HOUSING

TE Part # 1-968857-1

AMP MCP 2.8, CONTACT SWS

TE Part # 140523

RT .171 DIA TERMINAL 20-16 AWG BR

TE Part # 174942-1

070 MLC W-W CAP HSG 15P

**5-2138650-1**

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2 Position, .1 in [2.54 mm] Centerline, Green, Wire & Cable, Signal, MQS

TE Part # 184116-2
2 POS. PLUG ASSY, KEY H 1/2

## Documents

### Product Drawings

**2POS MQS REC COD E**

English

### CAD Files

**3D PDF**

3D

**Customer View Model**

ENG_CVM_CVM_5-2138650-1_A.2d_dxf.zip

English

**Customer View Model**

ENG_CVM_CVM_5-2138650-1_A.3d_igs.zip

English

**Customer View Model**

ENG_CVM_CVM_5-2138650-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

### Product Specifications

**Product Specification**

English