# 2208656-3 ✔ ACTIVE

MCON | MCON 1.2mm

TE Internal #: 2208656-3

12 V, 58 Position, Automotive Housing for Female Terminals, Wire-to-Board, 3.8 mm / 7 mm [.14 in / .27 in] Centerline, Sealable, Black, MCON 1.2mm

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings







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

Number of Positions: **58**

Sealable: **Yes**

Number of Rows: **4**

Connector Position Assurance Capable: **No**

## Features

### Product Type Features

| | |
|---|---|
| Mixed & Hybrid Connector | Yes |
| Connector Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Sealable | Yes |
| Primary Locking Feature | On the Terminal |
| Connector System | Wire-to-Board |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 58 |
| Number of Rows | 4 |

### Electrical Characteristics

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

### Body Features

| | |
|---|---|
| Primary Product Color | Black |

| | |
|---|---|
| Connector & Keying Code | A |

## Contact Features

| | |
|---|---|
| Contact Size | 1.2mm, 2.8mm, 4.8mm |
| Contact Type | Receptacle |
| Mating Tab Width | 1.5 mm, 2.8 mm, 6.3 mm[.06 in][.11 in][.24 in] |

## Mechanical Attachment

| | |
|---|---|
| Terminal Position Assurance | Yes |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| | |
|---|---|
| Housing Material | PBT GF20 |
| Centerline (Pitch) | 3.8 mm, 7 mm[.14 in][.27 in] |

## Dimensions

| | |
|---|---|
| Product Width | 38.4 mm[1.51 in] |
| Row-to-Row Spacing | 4 mm, 12 mm[.15 in][.47 in] |
| Product Length | 94.5 mm[3.72 in] |
| Connector Height | 41.2 mm[1.62 in] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Power |

## Other

| | |
|---|---|
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |

Solder Process Capability

Not reviewed 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 # 2208661-1
RETAINER,TE

## Also in the Series | MCON 1.2mm



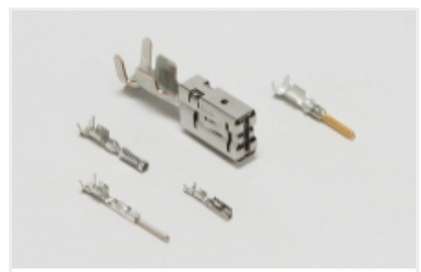
Automotive Connector Caps & Covers (15)



Automotive Housings(353)



Automotive Signal & Power Connector Housings(349)



Automotive Terminals(90)

## Documents

### Product Drawings

58POS,MCON 1.2 CB,REC HSG,ASSY

English

58POS,MCON 1.2 CB,REC HSG,ASSY

English

### CAD Files

Customer View Model

ENG_CVM_CVM_2208656-3_F.2d_dxf.zip

English

## Customer View Model

ENG_CVM_CVM_2208656-3_F.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_2208656-3_F.3d_stp.zip

English

## 3D PDF

3D

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

# Product Specifications

## Application Specification

English