# 1452408-1 ✔ ACTIVE

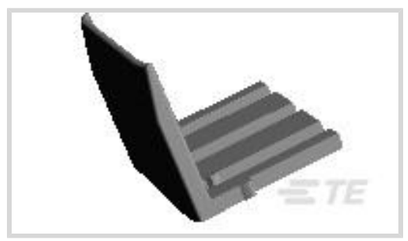
AMP | MCON 1.2mm, MCON Interconnection System

TE Internal #: 1452408-1

MCON Interconnection System, Automotive Connector Locks & Position Assurance, TPA (Terminal Position Assurance), Red, Wire-to-Board, PA GF

View on TE.com >

Connectors > Automotive Connectors > Connector Accessories > Locks & Position Assurance



Connector & Contact Retention Accessory Type: **TPA (Terminal Position Assurance)**

Primary Product Color: **Red**

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

Primary Product Material: **PA GF**

Operating Temperature Range: **-40 – 140 °C [ -40 – 284 °F ]**

## Features

### Product Type Features

| | |
|---|---|
| Connector & Contact Retention Accessory Type | TPA (Terminal Position Assurance) |
| Connector System | Wire-to-Board |

### Body Features

| | |
|---|---|
| Primary Product Color | Red |
| Primary Product Material | PA GF |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 140 °C[-40 – 284 °F] |

### Industry Standards

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

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 4000 |
| 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>Does not contain REACH SVHC |
| Halogen Content | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| Solder Process Capability | Not applicable for solder process capability |

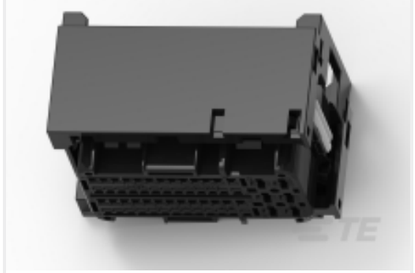
Product Compliance Disclaimer

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

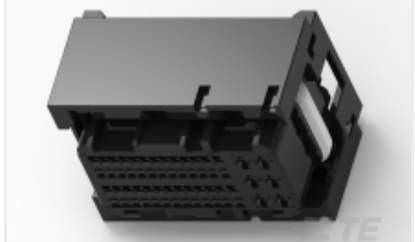
## Compatible Parts



TE Part # CAT-M4595-CH8172
MCON, CONNECTOR HOUSING



TE Part # 9-1452415-5
58 POS MIXED, MCON CONNECTOR



TE Part # 1-1452415-5
58 POS FEMALE ASSY CONNECTOR



TE Part # 1-1563172-4
58POS, MIXED,REC HSG,ASSY



TE Part # 4-1563172-6
58POS, MIXED,REC HSG,ASSY



TE Part # 5-1563172-4
58POS, MIXED,REC HSG,ASSY



TE Part # 7-1563172-7
58POS, MIXED,REC HSG,ASSY



TE Part # 8-1452415-9
58 POS MIXED, MCON CONNECTOR



TE Part # 9-1452415-1
58 POS MIXED, MCON CONNECTOR

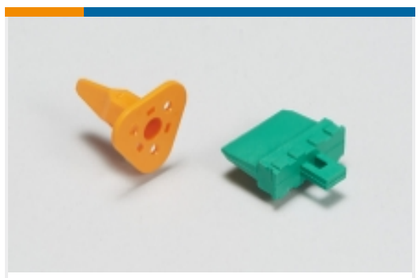


TE Part # 9-1452415-2
58 POS MIXED, MCON CONNECTOR

## Also in the Series | MCON 1.2mm



Automotive Connector Caps & Covers (9)



Automotive Connector Locks & Position Assurance(9)



Automotive Housings(5)



Automotive Seals & Cavity Plugs(1)



Automotive Terminals(11)



Insertion & Extraction Tools(5)

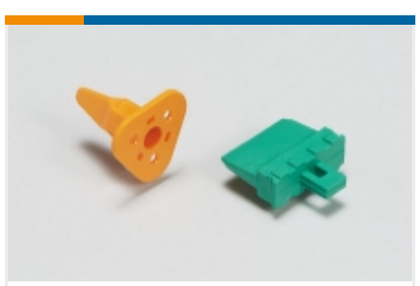


Other Automotive Connector Accessories(4)

## Also in the Series | MCON Interconnection System



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(11)



Automotive Headers(1)



Automotive Housings(288)



Automotive Seals & Cavity Plugs(4)



Automotive Terminals(114)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(6)

## Customers Also Bought



TE Part #1326032-2
1.5/2.8 CONNECTOR SYSTEM, RECPT AND TAB



TE Part #SRK-BS-FL-90-001
BKSHL, FULL, BLK, RA, NW 22/26



TE Part #1452421-1
58 POS. CONNECTOR COVER 90 ASSY



TE Part #1452389-1
COVER ASSY 96 POS.



TE Part #1452409-1
2-NDRY F.58P CONNECTOR



TE Part #1452388-1
2 LOCKING DEVI1.2



TE Part #1452416-1
58POS CONNECTOR COVER 180 ASSY



TE Part #1-1452424-2
BLIND PLUG FOR MCON 1.2 CB (1.



TE Part #1-1703963-1
16POS,AMP MCP1.5K,REC HSG,ASSY, SEALED

## Documents

### Product Drawings

2-NDRY F58 POS. CONNECTOR

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1452408-1_B.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_1452408-1_B.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1452408-1_B.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

Appl. Spec. for 154 pos.Connector ( 96 pos. and 58 pos.)

English

## Product Environmental Compliance

### Product Compliance

English

### Product Compliance

English