# 2356394-3 ✔ ACTIVE

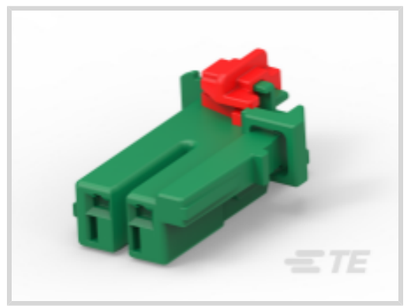
MCON | MCON 1.2mm

TE Internal #: 2356394-3

12 V / 24 V / 48 V, 2 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Green, Wire & Cable, MCON 1.2mm

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > 48V Ready 1.2mm Unsealed Connectors







Nominal Voltage Architecture: **12 V, 24 V, 48 V**

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

Number of Positions: **2**

Sealable: **No**

Operating Temperature Range: **-40 – 130 °C [ -40 – 266 °F ]**

All 48V Ready 1.2mm Unsealed Connectors (12)

## Features

### Product Type Features

| | |
|---|---|
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Sealable | No |
| Primary Locking Feature | Clean Body |
| Connector System | Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Nominal Voltage Architecture | 12 V, 24 V, 48 V |

## Body Features

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

## Contact Features

| | |
|---|---|
| Contact Size | 1.2mm |
| Contact Type | Receptacle |
| Mating Tab Width | 1.2 mm[.047 in] |
| Contact Current Rating (Max) | 16 A |

## Mechanical Attachment

| | |
|---|---|
| Terminal Position Assurance | No |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| | |
|---|---|
| Housing Material | PA GF |
| Centerline (Pitch) | 4 mm[.157 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 130 °C[-40 – 266 °F] |
| Operating Temperature (Max) | 130 °C[266 °F] |

## Operation/Application

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

## Packaging Features

| | |
|---|---|
| Packaging Method | Bag |
| Packaging Quantity | 250 |

## 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 | 有害物质含量符合标准要求 No Restricted |

| | Substance(s) 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

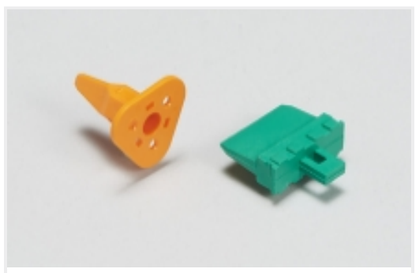


TE Part # 1670144-1
MCON 1.2 CB REC SRC SN



TE Part # 2203698-1
2P MCON UNSEALED PLUG WIRE DRESS

## Also in the Series | MCON 1.2mm



Automotive Connector Locks & Position Assurance(14)



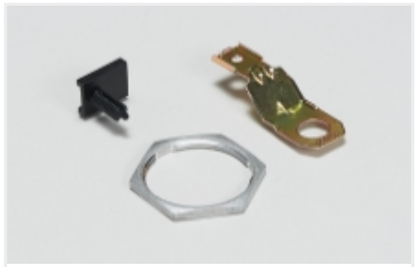
Automotive Housings(394)



Automotive Signal & Power Connector Housings(350)



Connector Seals & Cavity Plugs(18)



Other Automotive Connector Accessories(12)

## Customers Also Bought



TE Part #W12P-P004
WEDGE LOCK



TE Part #DT04-12PA-BE04
REC, 12P, BLK, E, ENH KEY, CAP, A



TE Part #63612-1
RING AMVAR 22-18 025TPBR



TE Part #2203698-1
2P MCON UNSEALED PLUG WIRE DRESS



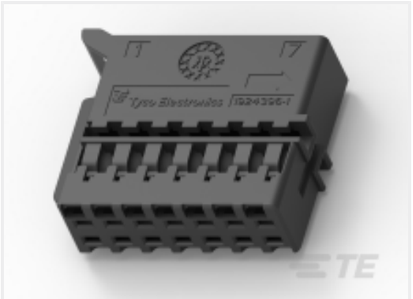
TE Part #1-2208686-1
21POS,AMP MCP2.8,REC HSG,ASSY



TE Part #2309873-1
6POS,NANOMQS,REC HSG ASSY, COD A



TE Part #2310138-1
1P,MATE-AX,PIN HSG ASSY,180DEG, COD A



TE Part #CAT-N14-RUC4812
48V Ready 1.2mm Unsealed Connectors

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2356394-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2356394-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2356394-3_A.3d_stp.zip

English

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

### Instruction Sheets

Instruction Sheet (U.S.)

English