



Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **3**

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

Centerline (Pitch): **4 mm [.157 in]**

Sealable: **Yes**

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 3 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|------------------------------|--------|
| Operating Voltage | 12 VDC |
| Nominal Voltage Architecture | 12 V |

Body Features

| | |
|-------------------------|-------|
| Cable Exit Angle | 180° |
| Primary Product Color | Black |
| Connector & Keying Code | A |



Contact Features

| | |
|------------------------------|-----------------|
| Contact Size | 1.2mm |
| Contact Type | Receptacle |
| Mating Tab Width | 1.2 mm[.047 in] |
| Contact Current Rating (Max) | 25 A |

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

Dimensions

| | |
|------------------|-------------------|
| Connector Height | 14.8 mm[.583 in] |
| Product Width | 26.5 mm[1.043 in] |
| Product Length | 19 mm[.748 in] |

Usage Conditions

| | |
|-----------------------------|---|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F] |
| Operating Temperature Range | -40 – 130 °C[-40 – 266 °F] |

Operation/Application

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

Industry Standards

| | |
|----------------------|--------|
| Degree of Protection | IP6K9K |
|----------------------|--------|

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 2000 |
| Packaging Method | Box |

Other

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



| | |
|--------------------------------------|-----|
| Connector Position Assurance Capable | Yes |
|--------------------------------------|-----|

Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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 # 1-1703494-1
3POS, MCON 1.2 LL TAB SEALED
COD A



TE Part # CAT-M4595-T273
MCON Receptacle and Tab



TE Part # 1-1703494-2
3POS, MCON 1.2 LL TAB SEALED
COD A



TE Part # 1-2219370-2
BULB ASSY FOR T20/T2 WIRELESS BK
COD A



TE Part # 2315486-2
REC CONN CVR,3POS,MCON 1.2,180 DEG,SEALED

Also in the Series | MCON Interconnection System

Automotive Connector Caps & Covers
(24)

Automotive Connector Locks & Position Assurance(11)

Automotive Housings(320)

Automotive Terminals(122)

Connector Seals & Cavity Plugs(10)

Insertion & Extraction Tools(31)

Other Automotive Connector Accessories(2)

PCB Headers & Receptacles(2)

Customers Also Bought

TE Part #2-1718644-1
3POS, MCON 1.2 LL REC SEALED

TE Part #1-1718645-1
4POS, MCON 1.2 LL REC SEALED

TE Part #967067-1
MQS SGL WIRE SEAL

TE Part #1746865-1
0.64III/2.3II 30POS PLUG ASSY

TE Part #2177588-1
20POS NANO MQS TL PLUG HOUSING, CODE A

TE Part #1393454-2
V23542C1028Z102=28P ABDECKKAPP

TE Part #1612684-1
060/187 ABS 26POS COVER ASSY

TE Part #2-1718643-1
2POS, MCON 1.2 LL REC SEALED



Documents

Product Drawings

3POS, MCON 1.2 LL REC SEALED

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1718644-1_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1718644-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1718644-1_F.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

MCON Interconnection System

English

Product Specifications

Application Specification

English