# 1-1718644-1 ACTIVE

#### AMP | MCON Interconnection System

TE Internal #: 1-1718644-1

Housing for Female Terminals, Wire-to-Device / Wire-to-Board /

Wire-to-Wire, 3 Position, .157 in [4 mm] Centerline, MCON

Interconnection System

View on TE.com >



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

A

Connector & Keying Code



#### **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		

#### Industry Standards

Degree of Protection	IP6K9K	
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## Packaging Features

Packaging Quantity	2000
Packaging Method	Box

### Other

Serviceable	Yes
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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 # 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)

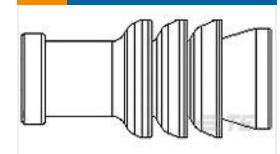
# Customers Also Bought



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