## MCON | MCON 1.2mm

TE Internal #: 1-1670921-1

5 Position Housing, Housing for Female Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Power,

MCON 1.2mm

View on TE.com >



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 5

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: 1.2 mm [.047 in]

Connector System: Wire-to-Wire

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

## **Features**

## **Product Type Features**

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

## **Configuration Features**

Number of Positions	5
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
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	
Product Width	26.5 mm[1.043 in]
Product Length	28.7 mm[1.13 in]
Connector Height	16.5 mm[.65 in]
Usage Conditions	
Operating Temperature (Max)	125 °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	
IP Rating	IP6K9K
Packaging Features	
Packaging Method	Box
Packaging Quantity	1000
Other	
Serviceable	Yes
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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**







COD A







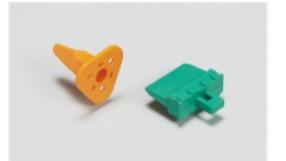
TE Part # 2-2236954-5
5POS, MCON 1.2 LL TAB SEALED
COD B



## Also in the Series | MCON 1.2mm



Automotive Connector Caps & Covers (15)



Automotive Connector Locks & Position Assurance(10)



Automotive Housings(312)



Automotive Terminals(85)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(8)

# Customers Also Bought



TE Part #2366517-4 FIX RING,CONN KIT



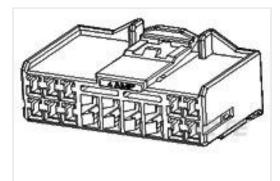
TE Part #1732175-1 2+5 Sealed Connector Ass'y



TE Part #1-1924067-2 2POS, MCON 1.2 CB REC 2p TL SEALED



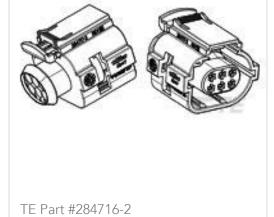
TE Part #925075 4W CIRCULAR MATE-N-LOK PIN HSG NAT



TE Part #368497-1 090/250 HYB 18P PLUG ASS'Y



2. LOCK,AMP MCP2,8



TE Part #284716-2 6 POS REC. CONNECTOR FOR EGAS







TE Part #DT04-08PA-CE02 REC, 8P, BLK, E, A



## **Documents**

## **Product Drawings**

5POS, MCON 1.2 LL REC SEALED

English

5POS, MCON 1.2 LL REC SEALED

English

### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_1-1670921-1\_E.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-1670921-1\_E.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-1670921-1\_E.3d\_stp.zip

English

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

## **Product Specifications**

**Application Specification** 

English