# 1-1703498-1 ACTIVE

#### MCON | MCON 1.2mm

TE Internal #: 1-1703498-1

2 Position Housing, Housing for Male Terminals, Wire-to-Wire, 4 mm [.15 in] Centerline, Sealable, Black, Wire & Cable, Power,

MCON 1.2mm

View on TE.com >



Connectors > Automotive Connectors > Automotive Housings > 48V Ready 1.2mm Sealed Connectors



Number of Positions: 2

Connector & Housing Type: Housing for Male Terminals

Mating Tab Width: 1.2 mm [.04 in] Connector System: Wire-to-Wire Centerline (Pitch): 4 mm [.15 in]

All 48V Ready 1.2mm Sealed Connectors (41)

#### **Features**

#### **Product Type Features**

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male 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	2
Number of Rows	1
Electrical Characteristics	
Operating Voltage	14 VDC
Body Features	
Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A



#### **Contact Features**

Contact Size	1.2mm
Contact Type	Tab
Mating Tab Width	1.2 mm[.04 in]
Contact Current Rating (Max)	25 A

#### Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

#### **Housing Features**

Housing Material	PBT GF
Centerline (Pitch)	4 mm[.15 in]

#### **Dimensions**

Product Width	44 mm[1.73 in]
Product Length	14.8 mm[.58 in]
Connector Height	14.95 mm[.58 in]

#### **Usage Conditions**

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 - 125 °C[-40 - 257 °F]

### Operation/Application

Circuit Application	Power
Packaging Features	

Packaging Quantity	1500
Packaging Method	Box & Carton

#### 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

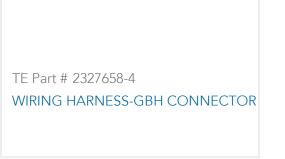
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-onreach

## Compatible Parts

















2 Position Housing, Housing for Male Terminals, Wire-to-Wire, 4 mm [.15 in] Centerline, Sealable, Black, Wire & Cable, Power, MCON 1.2mm



TE Part # 1-2480611-1 2POS,MCON 1.2,REC HSG,SLD,COD Δ

TE Part # 1-2378602-2
2POS,NEXTGEN, MCON 1.2 LL REC,
SLD,COD A



TE Part # 1-1718643-4 2POS, MCON 1.2 LL REC SEALED



SLD,COD A

TE Part # 1-1703499-1 2POS,TAB 1.2X0.6,TAB HSG,CODA

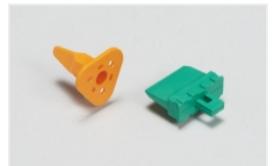




### Also in the Series | MCON 1.2mm



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)

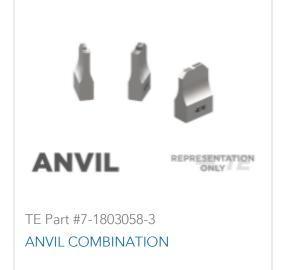


Other Automotive Connector Accessories(8)

## Customers Also Bought























#### **Documents**

#### **Product Drawings**

2POS, MCON 1.2 LL TAB SEALED COD A

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-1703498-1\_C.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-1703498-1\_C.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-1703498-1\_C.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