1-1670916-1 V ACTIVE

AMP | MCON Interconnection System

TE Internal #: 1-1670916-1

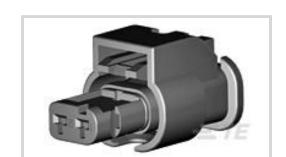
Housing for Female Terminals, Wire-to-Wire, 2 Position, .157 in [4 mm] Centerline, Sealable, Black, Wire & Cable, Power, MCON

Interconnection System

View on TE.com >



Connectors > Automotive Connectors > Automotive Housings



Connector System: Wire-to-Wire

Number of Positions: 2

Connector & Housing Type: Housing for Female Terminals

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

Sealable: Yes

Features

Product Type Features

Hybrid Connector	No
Connector Shape	Rectangular
Connector System	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	2
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	15 mm[.591 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	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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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













TE Part # 1-1703498-2 2POS, MCON 1.2 LL TAB SEALED



TE Part # 1-1703498-1
2POS, MCON 1.2 LL TAB SEALED
COD A



TE Part # 1-1703498-3
2POS, MCON 1.2 LL TAB SEALED
COD A



TE Part # 2-1703498-2 2POS, MCON 1.2 LL TAB SEALED COD B



TE Part # 2-1703498-4
2POS, MCON 1.2 LL TAB SEALED
COD B



Also in the Series | MCON Interconnection System

COD B



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(11)



Automotive Housings(318)



Automotive Terminals(121)



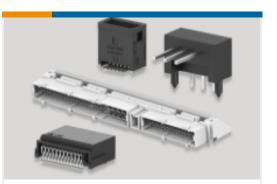
Connector Seals & Cavity Plugs(5)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #2-1670916-1 2POS, MCON 1.2 LL REC SEALED



CSL Self Laminating Polyester Labels















Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1-1670916-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1670916-1_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1670916-1_E.3d_stp.zip

English

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Datasheets & Catalog Pages

MCON Interconnection System

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English