

MCON Interconnection System

TE Internal #: 2098641-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2

Position, .157 in [4 mm] Centerline, Sealable, Black, MCON

Interconnection System

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Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: 2

Connector & Housing Type: Housing for Female Terminals

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

Sealable: Yes

Features

Product Type Features

Product Type reatures	
Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Configuration Features	
Number of Positions	2
Number of Rows	1
Body Features	
Primary Product Color	Black

Contact Features

Connector & Keying Code

Contact Size	1.2mm
Contact Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]

Α

Mechanical Attachment

Terminal Position Assurance	Yes	
Terrifical Fosition Assurance	163	



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	11.2 mm[.441 in]
Product Width	26.5 mm[1.043 in]
Product Length	19.9 mm[.783 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, 140 °C, 145 °C, 150 °C[158 °F][167 °F][176 °F] [185 °F][194 °F][212 °F][221 °F][230 °F][248 °C, 150 °F][266 °F][284 °F][293 °F][302 °F]
Operating Temperature Range	-40 - 150 °C[-40 - 302 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
Degree of Protection	IP67
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

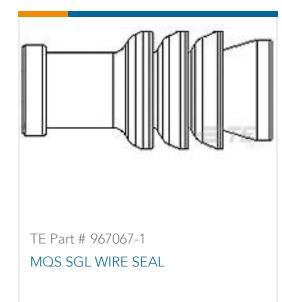
Product Compliance Disclaimer

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









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 #2005582-2 025 16P SLD CAP ASSY



TE Part #2103191-1 CAP SUBASSY, KEY A, HVA280-2PHI



TE Part #2323989-1
PLUG ASSY, HVA280 MCP2.8, MQS0.
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TE Part #1-2323914-1 HVA280 2P RA WITH HVIL HEADER ASSY.COD A

TE Part #2310540-4 HVA280 2P HEADER ASSY, KEY D

TE Part #2341055-4 SEAL RETAINER,2POS,ASSY , HVA280 2PHI TE Part #2350478-2 HVA280 outer ferrule TE Part #2361027-2 PLUG ASSY, KEY B, CPA, HVA280-2PHI, V0

TE Part #2361027-4
PLUG ASSY, KEY D, CPA, HVA280-2PHI, V0

TE Part #2383104-3
REC CONN CVR,4POS,AMP MCP
2.8,180DEG

Documents

Product Drawings

2POS, MCON 1.2 CB REC 2p SL SEALED

English

CAD Files

Customer View Model

ENG_CVM_CVM_2098641-1_B.2d_dxf.zip

English

3D PDF



3D

Customer View Model

ENG_CVM_CVM_2098641-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2098641-1_B.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