



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

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
Connector & Keying Code	A

Contact Features

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

Mechanical Attachment

Terminal Position Assurance	Yes
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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 °F][257 °F][266 °F][284 °F][293 °F][302 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67
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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 # 964972-1  
EINZELLEITERDICHTNG



TE Part # 2098582-1  
WIRE SEAL,RUBBER,SENSOR, RED




TE Part # 967067-1  
MQS SGL WIRE SEAL




TE Part # CAT-M4595-T273  
MCON Receptacle and Tab


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, MQS0.63

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

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Datasheets & Catalog Pages

[MCON Interconnection System](#)

English