



Automotive Parts > Automotive Connectors > Automotive Housings > 48V Ready 2.8mm Sealed Connectors



Connector & Housing Type: **Housing for Female Terminals**

Number of Positions: **1**

Sealable: **Yes**

Operating Temperature Range: **-40 – 155 °C [-40 – 311 °F]**

Number of Rows: **1**

[All 48V Ready 2.8mm Sealed Connectors \(27\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector System	Wire-to-Board, Wire-to-Device

Configuration Features

Number of Positions	1
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	48 V
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Body Features

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Primary Product Color	Black
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Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]

Mechanical Attachment

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

Housing Features

Housing Material	PA GF
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Dimensions

Product Width	24 mm[.945 in]
Product Length	22.6 mm[.89 in]
Connector Height	33 mm[1.299 in]

Usage Conditions

Operating Temperature Range	-40 – 155 °C[-40 – 311 °F]
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][284 °F][293 °F][302 °F][311 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

IP Rating	IP69K
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Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes



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

TE Part # 2138413-1 Plug Housing, 1 Posn Sealed, M	TE Part # 2138907-1 CPA, SEALED CONNECTORS	 TE Part # CAT-AM705-T273 AMP MCP, RECEPTACLE AND TAB	TE Part # 2098204-2 Peripheral Seal, 1 Posn MCP 2.
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Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers (25)



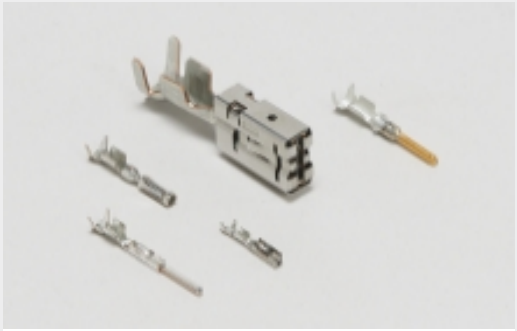
Automotive Housings(257)



Automotive Signal & Power Connector Housings(103)



Automotive Signal & Power Headers(9)

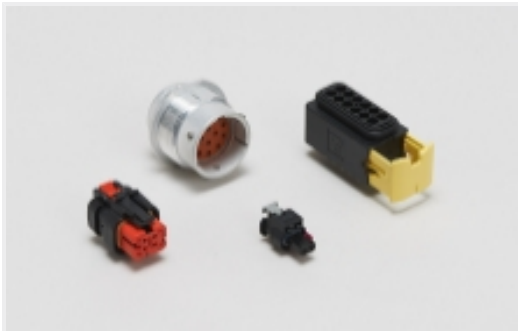


Automotive Terminals(7)

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (25)



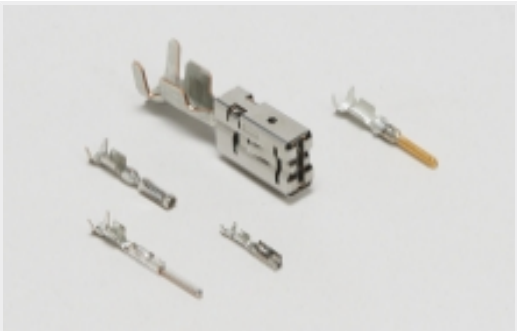
Automotive Housings(257)



Automotive Signal & Power Connector Housings(103)



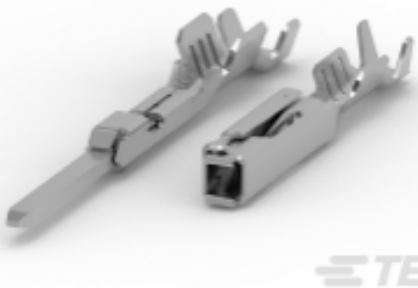
Automotive Signal & Power Headers(9)



Automotive Terminals(7)

Customers Also Bought





TE Part #CAT-G3353-T273
GET .64 CONNECTOR SYSTEM, RECEPT AND TAB



TE Part #1-1438608-5
2POS MQS REC SEALED COD A



ANVIL
REPRESENTATION ONLY

TE Part #1633932-4
ANVIL, COMBINATION



TE Part #2-2236706-1
2-POS. SEALED 2.8MM USCAR CLEAN BODY FOR



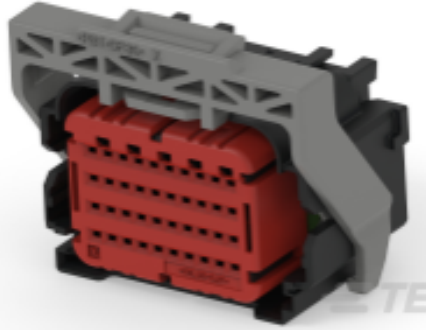
TE Part #2-2236706-3
2-POS. SEALED 2.8MM USCAR CLEAN BODY FOR



TE Part #2272164-1
MCON WIRE DRESS, 3P, STRAIGHT



TE Part #3-1438103-8
GET 24 WAY ARM PLUG NSB, KEY A



TE Part #5-1924513-4
GET 40 WAY HARNESS ASSY, KEY J



TE Part #2310000-2
10POS, MQS, REC HSG ASSY, UNSLD, COD B

Documents

Product Drawings

Plug Assembly, Sealed, 1 Posn,

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2098198-5_C_c-2098198-5-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2098198-5_C_c-2098198-5-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2098198-5_C_c-2098198-5-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

Instruction Sheets

Instruction Sheet (U.S.)

English