



Connectors > Automotive Connectors > Seals & Cavity Plugs



Connector Seal Type: **Single Wire Seal (SWS)**

Accepts Cable Insulation Diameter Range: **1.35 – 1.9 mm [.053 – .075 in]**

Seal Material: **Silicone**

Resistance to Hydrocarbons: **Poor**

Shore A Hardness: **50**

Features

Product Type Features

Connector Seal Type	Single Wire Seal (SWS)
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Body Features

Seal Material	Silicone
Primary Product Color	Red

Dimensions

Accepts Cable Insulation Diameter Range	1.35 – 1.9 mm [.053 – .075 in]
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Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 150 °C [149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][302 °F]
Operating Temperature Range	-40 – 150 °C [-40 – 302 °F]

Industry Standards

UL Flammability Rating	None
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Other

Resistance to Hydrocarbons	Poor
Shore A Hardness	50
Contains Lubricant	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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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>

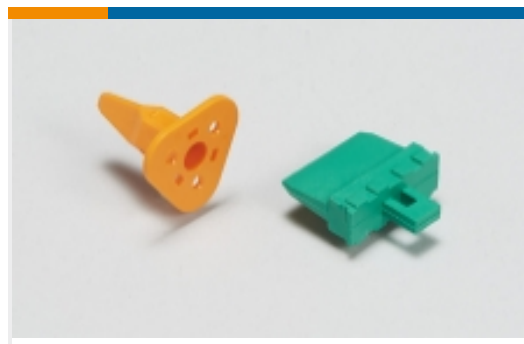
Compatible Parts



Also in the Series | [MCON Interconnection System](#)



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(11)



Automotive Housings(288)



Automotive Seals & Cavity Plugs(4)



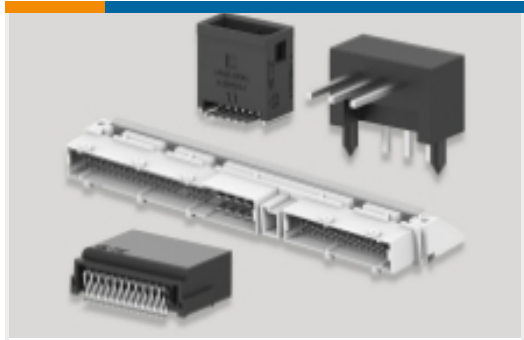
Automotive Terminals(113)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #1-2288243-2
44P HYBRID HEADER ASSY, B-B KEY



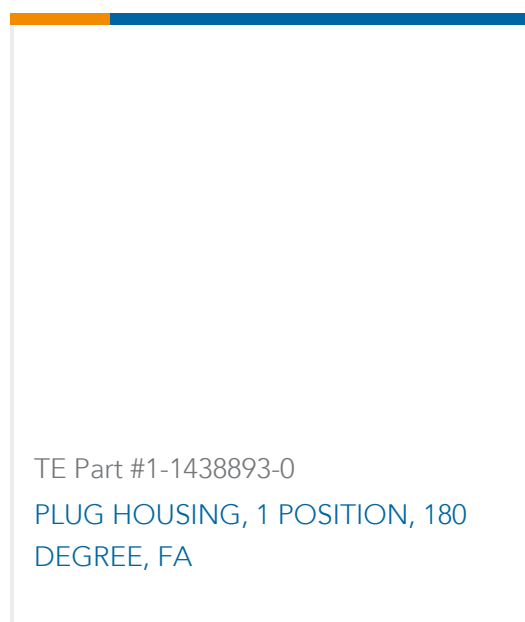
TE Part #1438890-7
PIN CONTACT, JACK, 180 DEGREE, SMB



TE Part #2298123-1
MATE-AX, Pin outer contact, RTK 031



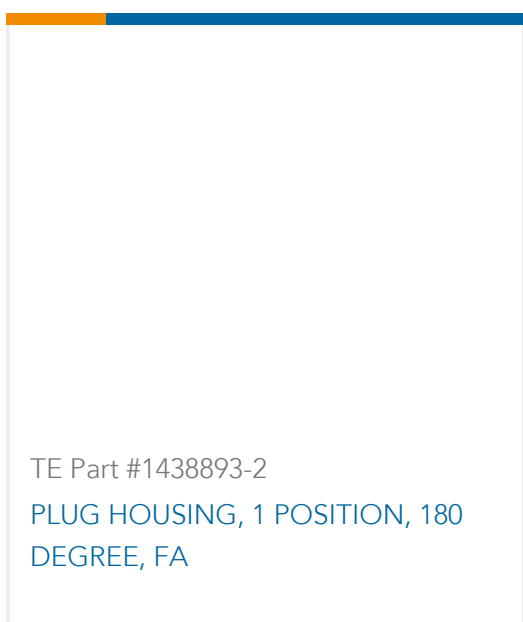
TE Part #2298126-1
MATE-AX, Crimp Ferrule, RTK 031



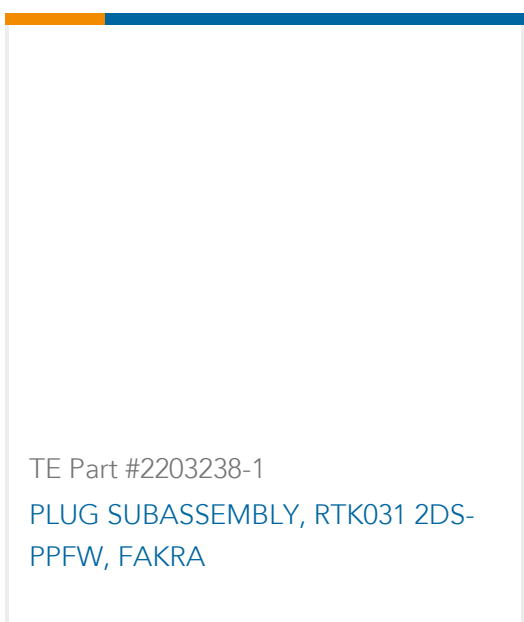
TE Part #1-1438893-0
PLUG HOUSING, 1 POSITION, 180 DEGREE, FA



TE Part #1418993-1
FERRULE



TE Part #1438893-2
PLUG HOUSING, 1 POSITION, 180 DEGREE, FA



TE Part #2203238-1
PLUG SUBASSEMBLY, RTK031 2DS-PPFW, FAKRA



TE Part #2203241-1
JACK SUBASSEMBLY, RTK031 2DS-PPFW, FAKRA



TE Part #3-1414974-4
V23086R1821A502-EV-USBX

Documents



Product Drawings

[WIRE SEAL,RUBBER,SENSOR, RED](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2098582-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2098582-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2098582-1_A.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

Product Specifications

[Application Specification](#)

English