



AMP | Round Connector System

TE Internal #: 828985-1

Single Wire Seal (SWS), Silicone, Green, 6.4 mm [.252 in] Cavity Diameter, .146 in [3.7 mm] Insulation Diameter, Round Connector System

[View on TE.com >](#)

Connectors > Connector Accessories > Connector Seals & Cavity Plugs



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

Primary Product Material: **Silicone**

Primary Product Color: **Green**

Cavity Diameter: **6.4 mm [.252 in]**

Compatible Insulation Diameter Range: **3.7 mm [.146 in]**

**Features**

**Product Type Features**

Connector Seal & Plug Type	Single Wire Seal (SWS)
----------------------------	------------------------

**Body Features**

Primary Product Material	Silicone
Primary Product Color	Green

**Dimensions**

Cavity Diameter	6.4 mm [.252 in]
Compatible Insulation Diameter Range	3.7 mm [.146 in]

**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 [149 °F][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]

**Industry Standards**



UL Flammability Rating	None
------------------------	------

### 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: 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
---------------------------	--

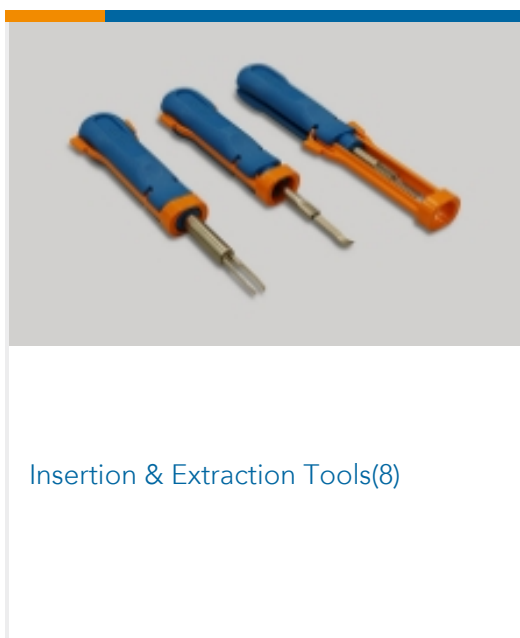
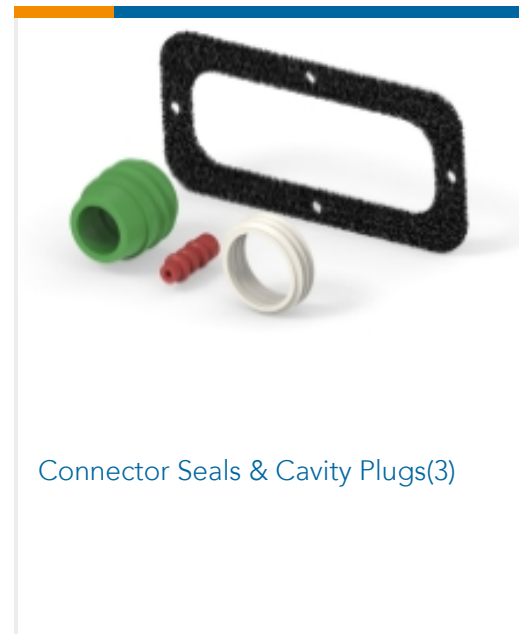
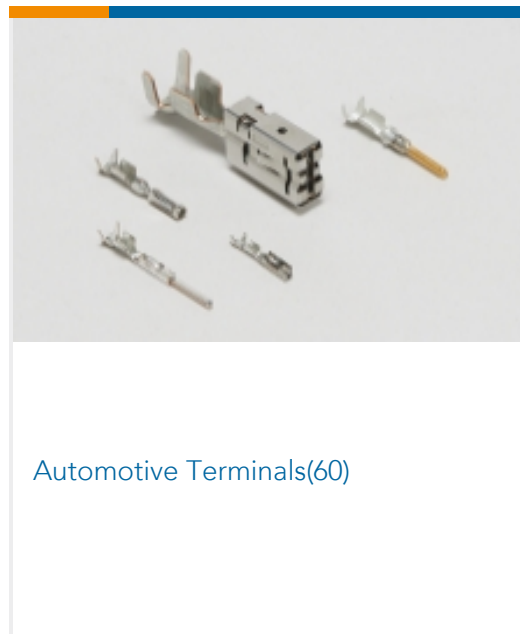
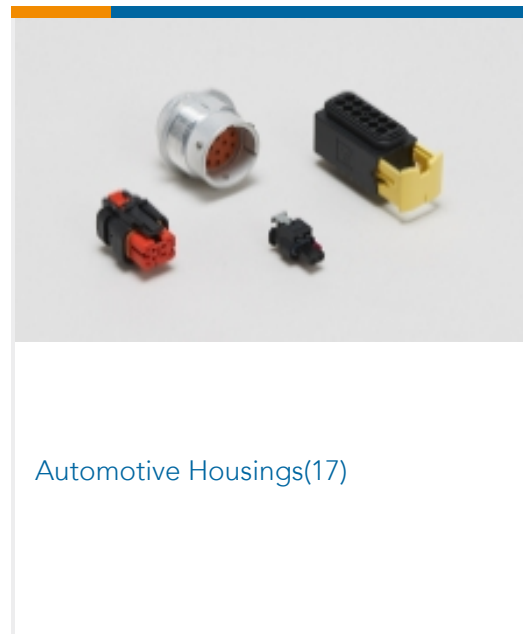
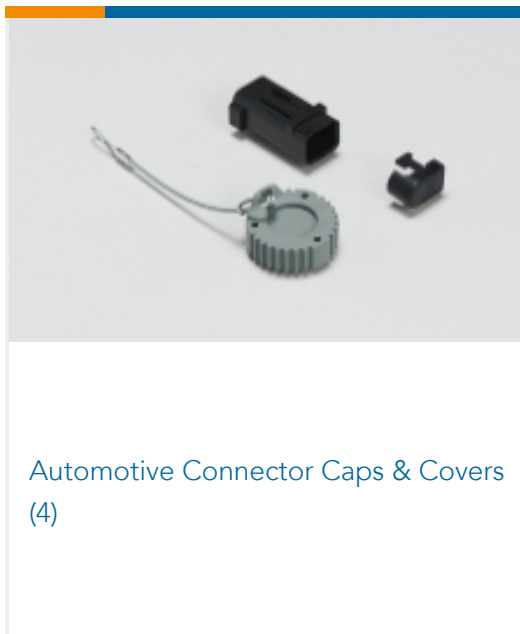
#### Product Compliance Disclaimer

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>

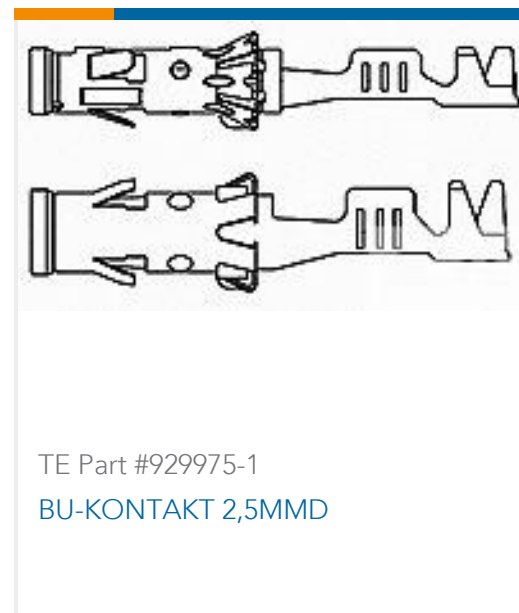
## Compatible Parts



Also in the Series | Round Connector System



Customers Also Bought





TE Part #1-968859-3  
AMP MCP 2.8, CONTACT SWS



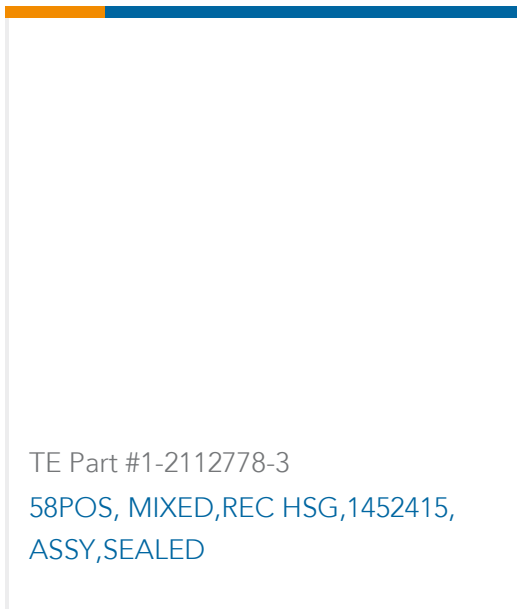
TE Part #2208822-1  
RETAINER, FOR NANOMQS



TE Part #2287497-1  
SINGLE WIRE SEAL, 1.5MM CONTACT SYSTEM



TE Part #1-2334415-3  
050/110 HYB 36P PLUG ASSY GRY



TE Part #1-2112778-3  
58POS, MIXED, REC HSG, 1452415, ASSY, SEALED

## Documents

### Product Drawings

[RUBBER PLUG >2,5-4,0MM2](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_828985-1\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_828985-1\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_828985-1\\_D.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

[EG\\*\\*Einzeldichtung und Blindstopfen für 2,5 mm Kontaktsystem](#)

English

[Product Specification](#)

English

828985-1

Single Wire Seal (SWS), Silicone, Green, 6.4 mm [.252 in] Cavity Diameter, .146 in [3.7 mm] Insulation Diameter, Round Connector System



### Product Specification

English

**4 Pos. 2.5 mm Dia. System Contact Female & Male Connector**

English