



NG Power Terminals and Connectors, NG1

TE Internal #: 1544316-1

Automotive Seals & Cavity Plugs, Single Wire Seal (SWS), Cavity Diameter .413 in [10.5 mm], Silicone, Poor, 50, NG Power Terminals and Connectors

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Connectors > Automotive Connectors > Seals & Cavity Plugs



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

Cavity Diameter: **10.5 mm [.413 in]**

Accepts Cable Insulation Diameter Range: **3.2 – 4.1 mm [.126 – .161 in]**

Seal Material: **Silicone**

Resistance to Hydrocarbons: **Poor**

Features

Product Type Features

Connector Seal Type	Single Wire Seal (SWS)
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Body Features

Seal Material	Silicone
Primary Product Color	Green

Dimensions

Cavity Diameter	10.5 mm[.413 in]
Accepts Cable Insulation Diameter Range	3.2 – 4.1 mm[.126 – .161 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
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Other

Resistance to Hydrocarbons	Poor
Shore A Hardness	50



Contains Lubricant	Yes
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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>

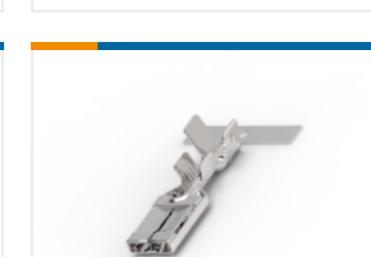
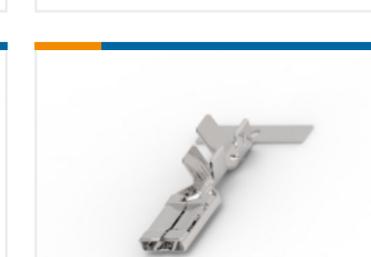
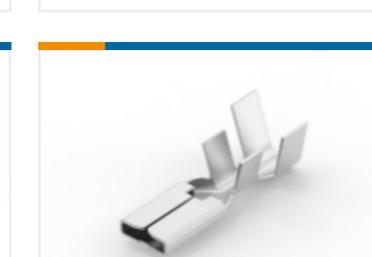
Compatible Parts

TE Part # 1544334-1
PL 2V 8MM NG1 MONT

TE Part # 1544332-1
LANGUETTE 8MM NG1

TE Part # 1544333-1
LANGUETTE 8MM NG1

TE Part # 1544606-1
TAB HOUSING, 8MM NG1, 1 WAY

 <p>TE Part # 1544361-1 PC 2V 8 MM WP NG2</p>	 <p>TE Part # 1544603-1 1W 8MM NG1 SEALED CLIP ASSY BLACK</p>	 <p>TE Part # 1544227-1 CLIP 8 MM NG1-1 PO</p>	 <p>TE Part # 1544964-1 8MM NG1+ TERMINAL</p>
 <p>TE Part # 1544965-1 8MM NG1+ TERMINAL</p>	 <p>TE Part # 1544334-2 PL 2V 8MM NG1 MONT</p>	 <p>TE Part # 1544334-3 PL 2V 8MM NG1 MONT</p>	 <p>TE Part # 1544601-1 PC 1V 8MM NG1 ETANCHABLE</p>
 <p>TE Part # 1544601-3 RECEPTACLE HOUSING, 8MM NG1, 1 WAY</p>	 <p>TE Part # 1544603-2 1W 8MM NG1 SEALED CLIP ASSY BLUE</p>	 <p>TE Part # 1544603-3 1W 8MM NG1 SEALED CLIP ASSY GREY</p>	 <p>TE Part # 1544606-2 TAB HOUSING, 8MM NG1, 1 WAY</p>
 <p>TE Part # 1544606-3 TAB HOUSING, 8MM NG1, 1 WAY</p>	 <p>TE Part # 1544964-2 8MM NG1+ TERMINAL</p>	 <p>TE Part # 1544965-2 8MM NG1+ TERMINAL</p>	 <p>TE Part # 1544966-1 8MM NG1+ TERMINAL</p>

Also in the Series | **NG Power Terminals and Connectors**

 <p>Automotive Connector Caps & Covers (2)</p>	 <p>Automotive Housings(56)</p>	 <p>Automotive Seals & Cavity Plugs(7)</p>	 <p>Automotive Terminals(26)</p>
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Insertion & Extraction Tools(13)

Also in the Series | NG1

Automotive Connector Caps & Covers
(2)

Automotive Housings(47)



Automotive Seals & Cavity Plugs(8)



Automotive Terminals(18)



Insertion & Extraction Tools(12)

Documents

Product Drawings

JOINT VERT G2

English

CAD Files

Customer View Model

[ENG_CVM_1544316-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1544316-1_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1544316-1_C.2d_dxf.zip](#)

English

3D PDF

English

1544316-1

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By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

French