



NG Power Terminals and Connectors, NG1

TE Internal #: 1544970-1

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: **2.65 – 4 mm [ .104 – .157 in ]**

Seal Material: **Silicone**

Resistance to Hydrocarbons: **Poor**

**Features**

**Product Type Features**

|                     |                        |
|---------------------|------------------------|
| Connector Seal Type | Single Wire Seal (SWS) |
|---------------------|------------------------|

**Body Features**

|                       |          |
|-----------------------|----------|
| Seal Material         | Silicone |
| Primary Product Color | Brown    |

**Dimensions**

|   |                             |
|---|-----------------------------|
| Cavity Diameter                         | 10.5 mm[.413 in]            |
| Accepts Cable Insulation Diameter Range | 2.65 – 4 mm[.104 – .157 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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| Halogen Content                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.  |
| Solder Process Capability                     | Not applicable for solder process capability  |

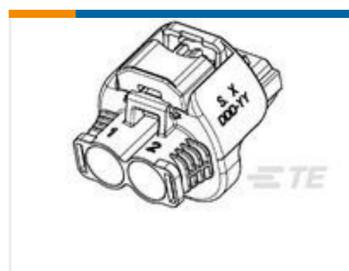
#### Product Compliance Disclaimer

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

|   |  |  |  |
|---|--|--|--|
|  <p>TE Part # 1544980-1<br/>TAB HOUSING, 8MM NG1 PLUS, 2 WAY</p> |  <p>TE Part # 1544967-1<br/>TAB, 8MM NG1 PLUS</p> |  <p>TE Part # 1544964-1<br/>8MM NG1+ TERMINAL</p> |  <p>TE Part # 1544965-1<br/>8MM NG1+ TERMINAL</p> |
|---|--|--|--|



|   |  |  |  |
|---|--|--|--|
|  <p>TE Part # 1544680-1<br/>RECPT HSG ASSY, 8MM NG1, 1W, SEALED, CPA</p> |  <p>TE Part # 1544680-3<br/>RECPT HSG ASSY, 8MM NG1, 1W, SEALED, CPA</p> |  <p>TE Part # 1544964-2<br/>8MM NG1+ TERMINAL</p>                       |  <p>TE Part # 1544965-2<br/>8MM NG1+ TERMINAL</p>                         |
|  <p>TE Part # 1544966-1<br/>8MM NG1+ TERMINAL</p>                       |  <p>TE Part # 1544966-2<br/>8MM NG1+ TERMINAL</p>                       |  <p>TE Part # 1544967-2<br/>TAB, 8MM NG1 PLUS</p>                      |  <p>TE Part # 1544969-1<br/>TAB, 8MM NG1 PLUS</p>                        |
|  <p>TE Part # 1544969-2<br/>TAB, 8MM NG1 PLUS</p>                      |  <p>TE Part # 1544978-1<br/>RECEPT HSG ASSY, 8MM NG1+, 2W, SEALED</p>  |  <p>TE Part # 1544978-2<br/>RECEPT HSG ASSY, 8MM NG1+, 2W, SEALED</p> |  <p>TE Part # 1544978-3<br/>RECEPT HSG ASSY, 8MM NG1+, 2W, SEALED</p>   |
|  <p>TE Part # 1544980-2<br/>TAB HOUSING, 8MM NG1 PLUS, 2 WAY</p>       |  <p>TE Part # 1544980-3<br/>TAB HOUSING, 8MM NG1 PLUS, 2 WAY</p>       |  <p>TE Part # 1544980-4<br/>TAB HOUSING, 8MM NG1 PLUS, 2 WAY</p>      |  <p>TE Part # 1801361-3<br/>HOUSING ASSY, 8MM RCPT CONT, 1W, SEALED</p> |

Also in the Series | NG Power Terminals and Connectors

|   |   |   |   |
|---|---|---|---|
|  <p>Automotive Connector Caps &amp; Covers (2)</p> |  <p>Automotive Housings(56)</p> |  <p>Automotive Seals &amp; Cavity Plugs(7)</p> |  <p>Automotive Terminals(26)</p> |
|---|---|---|---|



Insertion &amp; Extraction Tools(13)

## Also in the Series | NG1

Automotive Connector Caps & Covers  
(2)

Automotive Housings(47)



Automotive Seals &amp; Cavity Plugs(8)



Automotive Terminals(18)



Insertion &amp; Extraction Tools(12)

## Documents

### Product Drawings

SEAL, NG9K

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1544970-1\\_A.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1544970-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1544970-1\\_A.3d\\_stp.zip](#)

English



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## Product Specifications

### Product Specification

English

## Instruction Sheets

### Instruction Sheet (non U.S.)

English