# 1544970-1 ✔ ACTIVE

AMP | NG Power Terminals and Connectors, NG1

TE Internal #: 1544970-1

Single Wire Seal (SWS), 10.5 mm [.413 in] Cavity Diameter, -40 – 130 °C [-40 – 266 °F], Brown, Silicone, NG Power Terminals and Connectors

View on TE.com >

Connectors > Connector Accessories > Connector Seals & Cavity Plugs > Medium Power Terminals Single Wire Seals 4.8mm-12mm




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

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

Operating Temperature Range: **-40 – 130 °C [ -40 – 266 °F ]**

Primary Product Color: **Brown**

Primary Product Material: **Silicone**

All Medium Power Terminals Single Wire Seals 4.8mm-12mm (9)

## Features

### Product Type Features

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

### Body Features

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

### Dimensions

| | |
|---|---|
| Cavity Diameter | 10.5 mm[.413 in] |
| Compatible Insulation Diameter Range | 2.65 – 4 mm[.104 – .157 in] |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 130 °C[-40 – 266 °F] |
| Operating Temperature (Max) | 130 °C[266 °F] |

### 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<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



TE Part # 1544966-1
8MM NG1+ TERMINAL



TE Part # CAT-N46-RA848
48V Ready 8mm Sealed Connectors



TE Part # 1544964-1
8MM NG1+ TERMINAL



TE Part # 1544980-2
TAB HOUSING, 8MM NG1 PLUS, 2 WAY



TE Part # 1544969-2
TAB, 8MM NG1 PLUS



TE Part # 1544967-1
TAB, 8MM NG1 PLUS



TE Part # 1544980-1
TAB HOUSING, 8MM NG1 PLUS, 2 WAY



TE Part # 1544680-3
RECPT HSG ASSY, 8MM NG1, 1W, SEALED, CPA



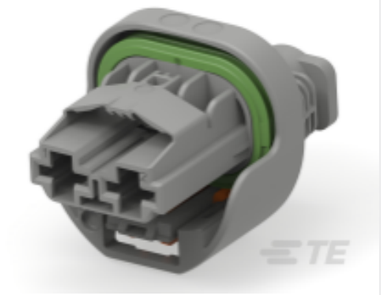
TE Part # 1544978-2
RECEPT HSG ASSY, 8MM NG1+, 2W, SEALED



TE Part # 1801361-3
HOUSING ASSY, 8MM RCPT CONT, 1W, SEALED



TE Part # 1544966-2
8MM NG1+ TERMINAL



TE Part # 1544978-3
RECEPT HSG ASSY, 8MM NG1+, 2W, SEALED



TE Part # 1544980-4
TAB HOUSING, 8MM NG1 PLUS, 2 WAY



TE Part # 1544967-2
TAB, 8MM NG1 PLUS



TE Part # 1544965-1
8MM NG1+ TERMINAL



TE Part # 1544965-2
8MM NG1+ TERMINAL



TE Part # 1801398-3
RECEPTACLE HSG, ASSY, 8MM, 2W INSULATED



TE Part # 1544964-2
8MM NG1+ TERMINAL



TE Part # 1544969-1
TAB, 8MM NG1 PLUS

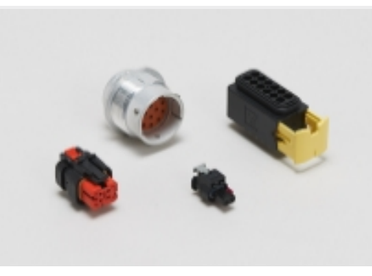


TE Part # 1544980-3
TAB HOUSING, 8MM NG1 PLUS, 2 WAY

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



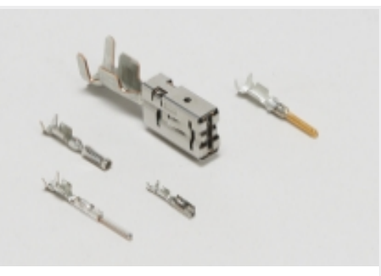
Automotive Connector Caps & Covers (1)



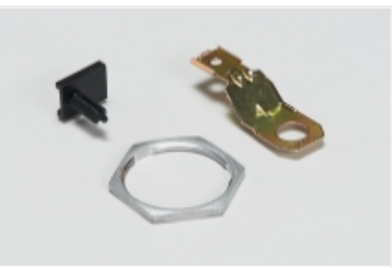
Automotive Housings(32)



Automotive Seals & Cavity Plugs(11)



Automotive Terminals(25)



Other Automotive Connector Accessories(1)

## Also in the Series | NG1



Automotive Housings(32)

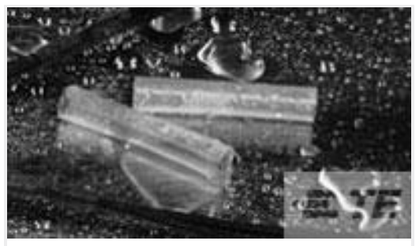


Automotive Seals & Cavity Plugs(11)



Automotive Signal & Power Connector Housings(32)

## Customers Also Bought



TE Part #193197P024
ES1000-NO.1-C1-X-40MM



TE Part #1544650-1
PC 2V 8NG1 NOIR JT



TE Part #1544650-3
PC 2V 8NG1 GRIS JT



TE Part #1544965-1
8MM NG1+ TERMINAL



TE Part #1544966-1
8MM NG1+ TERMINAL



TE Part #1544968-1
TAB, 8MM NG1 PLUS



TE Part #1544970-3
SEAL, NG9K



TE Part #1-1801175-5
2W RECEPTACLE HP CONNECTOR GREEN



TE Part #1-1801178-1
3W RECEPTACLE HP CONNECTOR BLACK



TE Part #1801431-1
RCPT CONT, 8MM NG1+, MAXIFUSE, 2.5-4 MM2

## 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

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Product Specifications

### Product Specification

English

## Instruction Sheets

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

English