

1544316-1 ✓ ACTIVE

NG Power Terminals and Connectors, NG1

TE Internal #: 1544316-1

Single Wire Seal (SWS), Silicone, Green, 10.5 mm [.413 in] Cavity Diameter, 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)**

Primary Product Material: **Silicone**

Primary Product Color: **Green**

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

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

[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

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|--------------------------|----------|
| Primary Product Material | Silicone |
| Primary Product Color | Green |

Dimensions

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|--------------------------------------|-------------------------------|
| Cavity Diameter | 10.5 mm [.413 in] |
| Compatible Insulation Diameter Range | 3.2 – 4.1 mm [.126 – .161 in] |

Usage Conditions

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|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

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|----------------------------|------|
| 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 2024 (241) 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













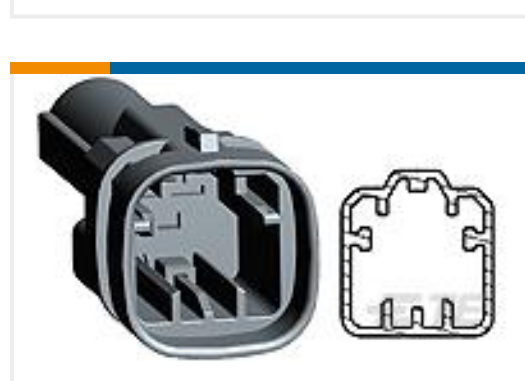
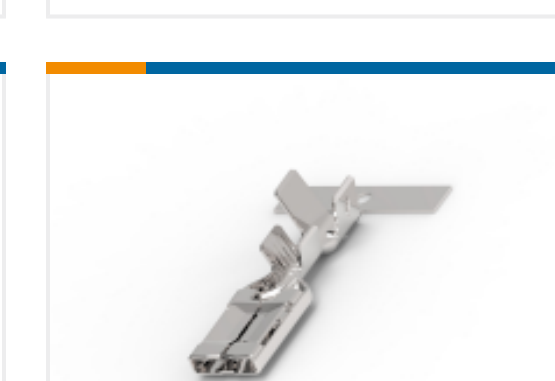

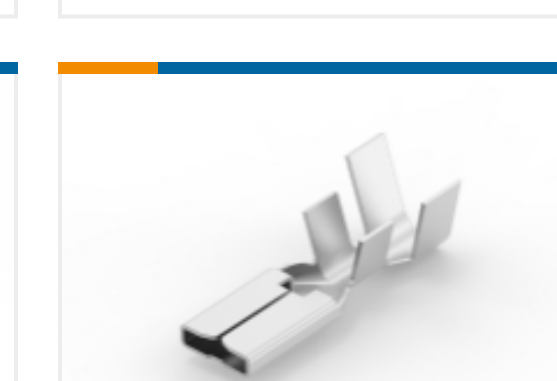
TE Part # 1544334-1
PL 2V 8MM NG1 MONT

TE Part # 1544332-1
LANGUETTE 8MM NG1





TE Part # 1544333-1
LANGUETTE 8MM NG1

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



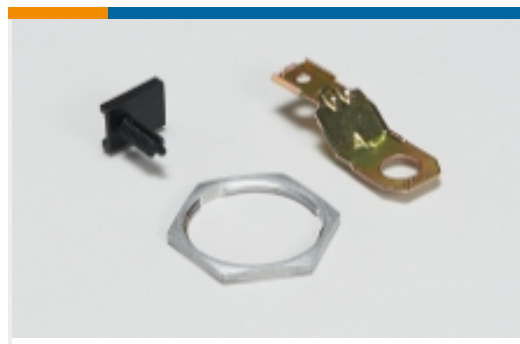
| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  <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(61)</p> |  <p>Automotive Terminals(28)</p> |  <p>Connector Seals & Cavity Plugs(9)</p> |
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Insertion & Extraction Tools(13)



Other Automotive Connector
Accessories(1)

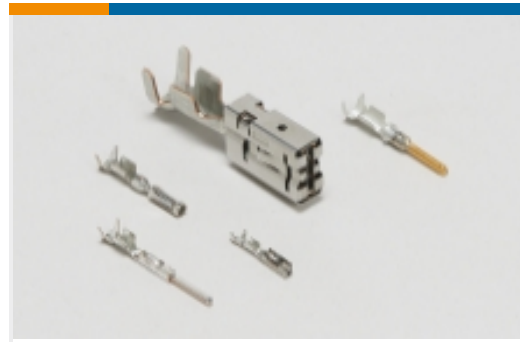
Also in the Series | NG1



Automotive Connector Caps & Covers
(2)



Automotive Housings(41)



Automotive Terminals(30)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(12)

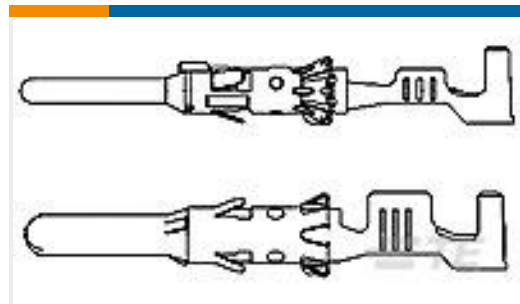
Customers Also Bought



TE Part #2525596021
RBK-ILS-125-NR1-0-30MM



TE Part #1-85202-3
JPT 2P ASSY D/GRAY CODE B



TE Part #929965-1
STIFTKONTAKT 2,5MMD



TE Part #2119784-2
CRIMPER, INSUL O PREMIUM



TE Part #1544964-1
8MM NG1+ TERMINAL



TE Part #1-2334423-3
050/110 HYB 36P CAP ASSY GRY



TE Part #1544361-2
2W 8MM NG2 REC.ASS.BROWN



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



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

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

Product Specifications

Product Specification

French