



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)
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Body Features

Primary Product Material	Silicone
Primary Product Color	Green

Dimensions

Cavity Diameter	10.5 mm [.413 in]
Compatible 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
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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













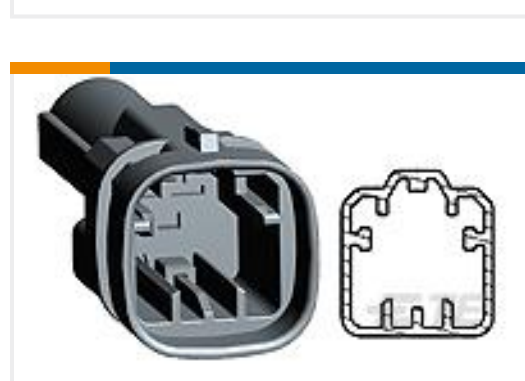
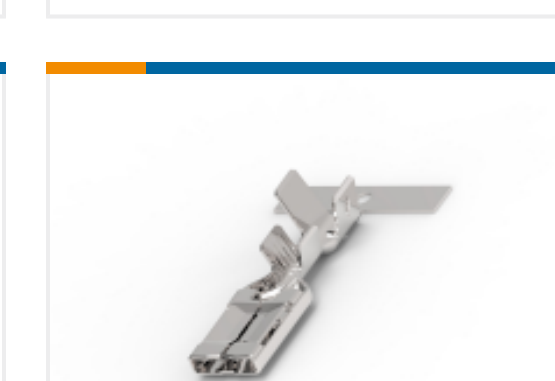

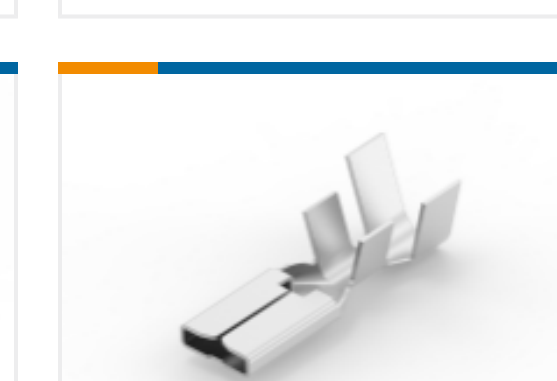
TE Part # 1544334-1
PL 2V 8MM NG1 MONT

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)

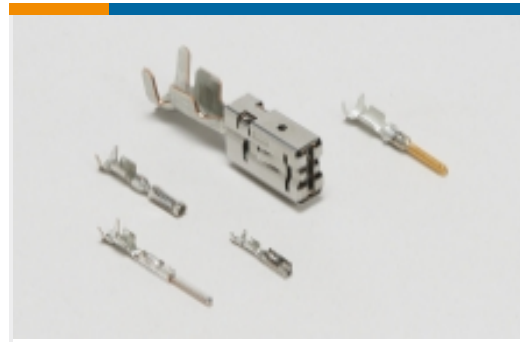
Also in the Series | NG1



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



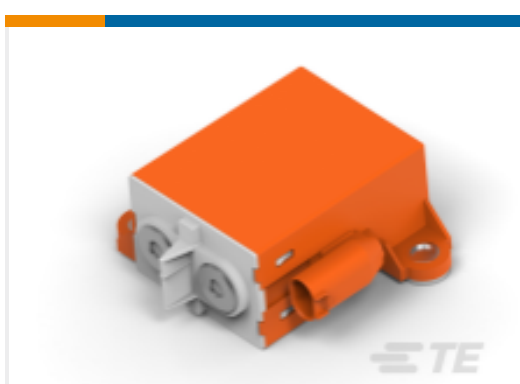
TE Part #1544603-1
1W 8MM NG1 SEALED CLIP ASSY
BLACK



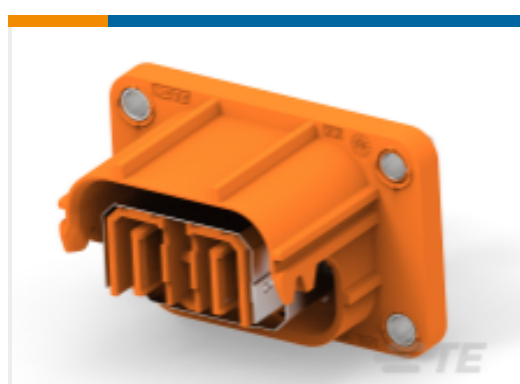
TE Part #1544964-1
8MM NG1+ TERMINAL



TE Part #1-318059-0
FLOATING SHEAR, FRONT



TE Part #2312311-3
V23717B0002A200-SZ-CBOX



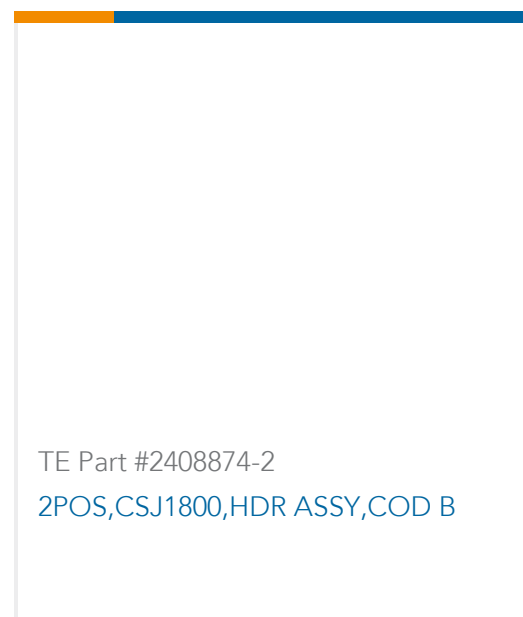
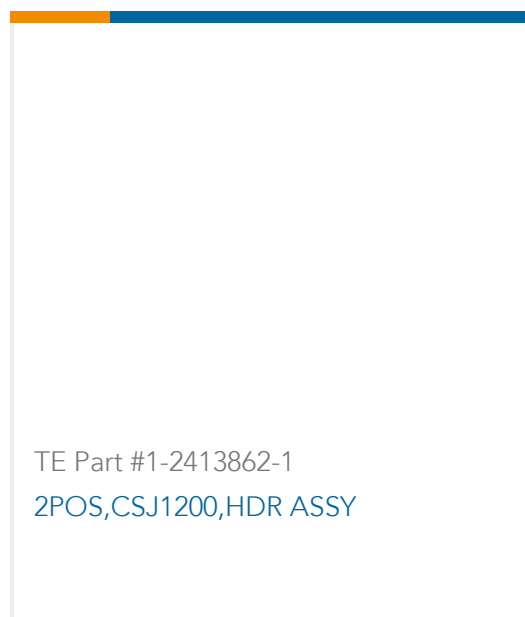
TE Part #2401695-1
2POS,CSJ1200,HDR ASSY



TE Part #3-2421645-2
4POS,TAB5.8X0.8,HDR ASSY,180DEG



TE Part #4-2324108-1
1POS,P2P,HDR ASSY,COD A,UL94V-0



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