



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: **4.9 – 5.9 mm [.193 – .232 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	Orange

Dimensions

Cavity Diameter	10.5 mm[.413 in]
Accepts Cable Insulation Diameter Range	4.9 – 5.9 mm[.193 – .232 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



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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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 # 1544434-1
BOITIER PC 2 VOIES



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



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



TE Part # 1544228-1
CLIP 8 MM NG1-1 PO



TE Part # 1544361-1
PC 2V 8 MM WP NG2



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



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



TE Part # 1544334-3
PL 2V 8MM NG1 MONT



TE Part # 1544601-1
PC 1V 8MM NG1 ETANCHABLE



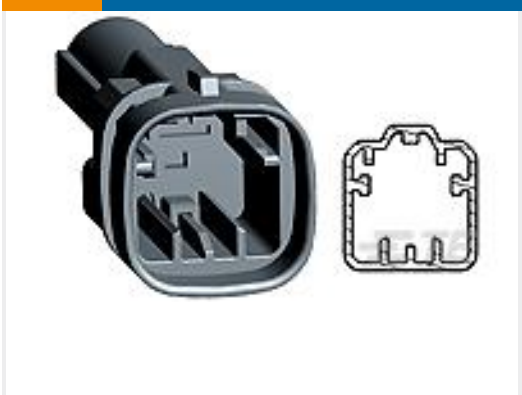
TE Part # 1544601-3
RECEPTACLE HOUSING, 8MM NG1, 1
WAY



TE Part # 1544603-2
1W 8MM NG1 SEALED CLIP ASSY
BLUE



TE Part # 1544603-3
1W 8MM NG1 SEALED CLIP ASSY
GREY



TE Part # 1544606-2
TAB HOUSING, 8MM NG1, 1 WAY



TE Part # 1544606-3
TAB HOUSING, 8MM NG1, 1 WAY



TE Part # 1544966-1
8MM NG1+ TERMINAL



TE Part # 1544966-2
8MM NG1+ TERMINAL



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



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

Also in the Series | NG1



Automotive Connector Caps & Covers
(2)



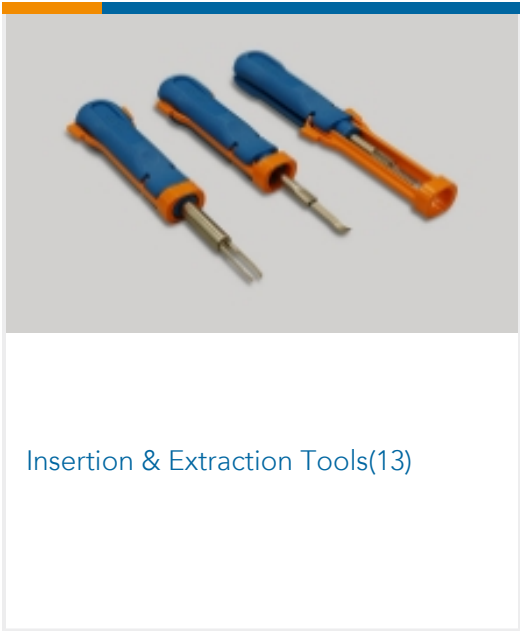
Automotive Housings(47)



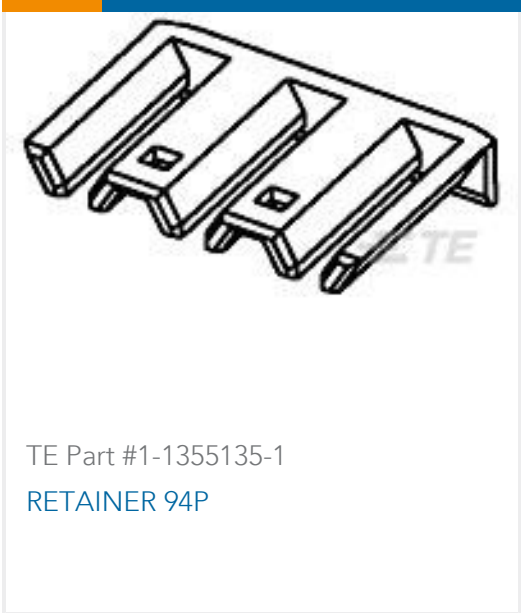
Automotive Seals & Cavity Plugs(8)



Automotive Terminals(18)



Customers Also Bought



Documents

Product Drawings
JOINT ORANGE G3

English

CAD Files
Customer View Model
ENG_CVM_1544316-2_C.3d_igs.zip

English

Customer View Model

1544316-2

NG1, Automotive Seals & Cavity Plugs, Single Wire Seal (SWS), Cavity Diameter .413 in [10.5 mm]



[ENG_CVM_1544316-2_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1544316-2_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