



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 – 125 °C [-40 – 257 °F]**

Primary Product Color: **Orange**

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	Orange
Primary Product Material	Silicone

Dimensions

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

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
Operating Temperature (Max)	125 °C[257 °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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 1544966-1
8MM NG1+ TERMINAL



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



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



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



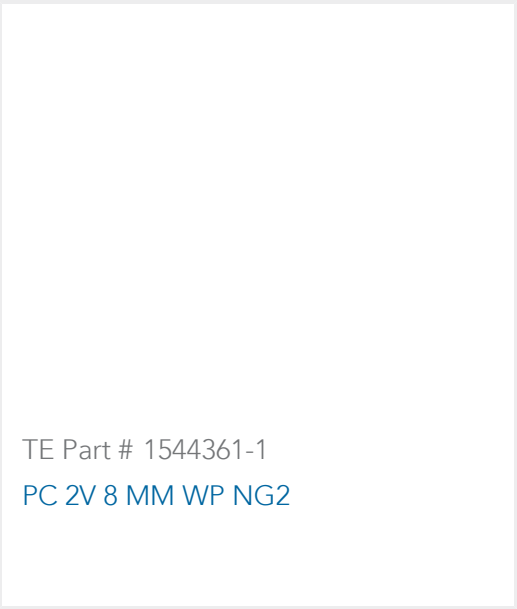
TE Part # CAT-N46-RA848
48V Ready 8mm Sealed Connectors



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



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



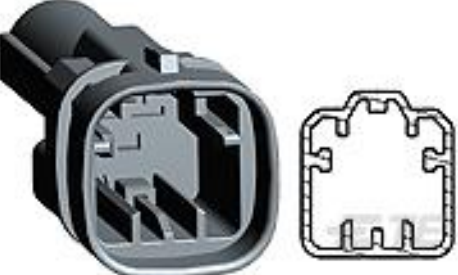
TE Part # 1544361-1
PC 2V 8 MM WP NG2



TE Part # 1544966-2
8MM NG1+ TERMINAL



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



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



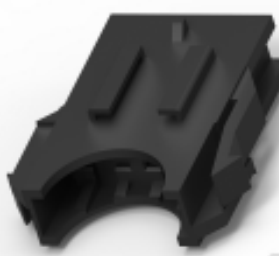
TE Part # 1544603-2
1W 8MM NG1 SEALED CLIP ASSY BLUE



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



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



TE Part # 1544434-1
BOITIER PC 2 VOIES



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



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

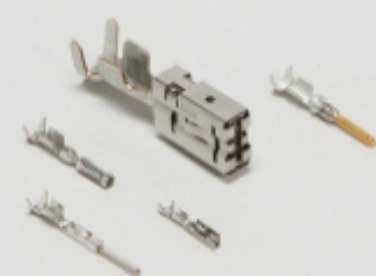
Also in the Series | NG1



Automotive Connector Caps & Covers (1)



Automotive Housings(32)



Automotive Terminals(25)



Connector Seals & Cavity Plugs(10)

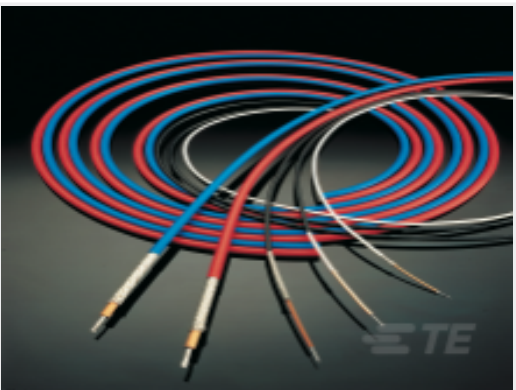


Insertion & Extraction Tools(12)

Customers Also Bought



TE Part #EK5493-000
ES2000-NO.8-A1-0-2IN



TE Part #528878-000
2018E0309-0



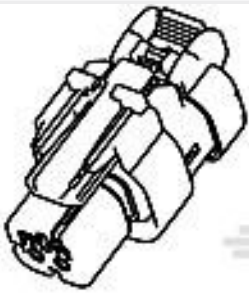
TE Part #DTM2S-BT-BK
BOOT, 2P, PLG, ST, BLK



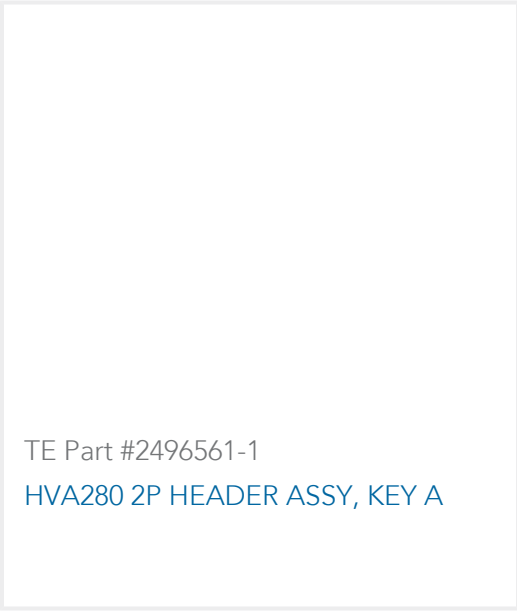
TE Part #CZ8201-000
SCL-1/2-0-2.25IN



TE Part #2-34173-1
TERMINAL,PG R 12-10 3/8



TE Part #776427-3
AS16,PLUG ASSY,ST,02P,N SEAL,
CODE C



TE Part #2496561-1
HVA280 2P HEADER ASSY, KEY A



TE Part #1-1355122-2
SHIELD, 60POSN. RECEPTACLE HOU



TE Part #2343685-1
PLUG ASSY ,HVA280-4PHI



TE Part #2103731-3
SPACER-SEAL ASSY,SIZE C,HVA280
2PI SE

Documents

Product Drawings
JOINT ORANGE G3

English

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

English

Customer View Model
ENG_CVM_1544316-2_C.3d_stp.zip

English

Customer View Model
ENG_CVM_1544316-2_C.2d_dxf.zip

English

3D PDF

English

Product Specifications

1544316-2

Single Wire Seal (SWS), 10.5 mm [.413 in] Cavity Diameter, -40 – 125 °C [-40 – 257 °F], Orange, Silicone, NG1



Product Specification

French