

1544965-1 ✓ ACTIVE

NG Power Terminals and Connectors, NG1

TE Internal #: 1544965-1

NG Power Terminals and Connectors, Automotive Terminals, Receptacle, Mating Tab Width 8 mm [.315 in], Tab Thickness .039 in [1 mm]

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**

Mating Tab Width: **8 mm [.315 in]**

Mating Tab Thickness: **1 mm [.039 in]**

Terminal Transmits: **41 – 100 A (High Power)**

Wire Size: **10 – 9 AWG**

Features

Product Type Features

Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Typical Current Rating	49 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	8 mm [.315 in]
Mating Tab Thickness	1 mm [.039 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	5 – 6 mm ²
Wire Size Search	9 AWG, 10 AWG
Wire Insulation Diameter	3.7 – 4.3 mm



Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	1300

Other

Terminal Transmits	41 – 100 A (High Power)
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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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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

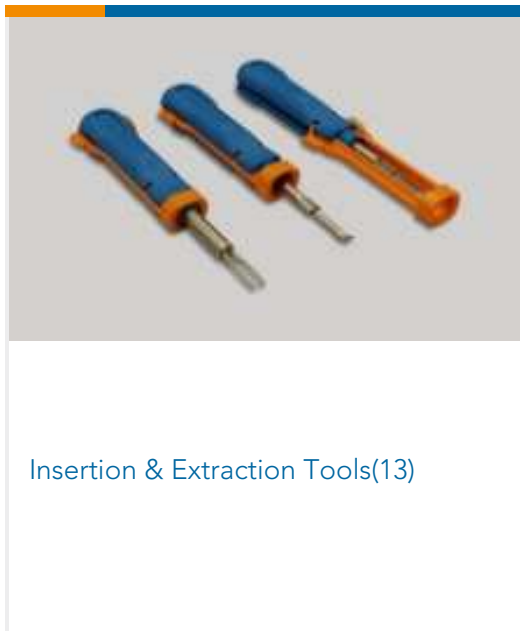
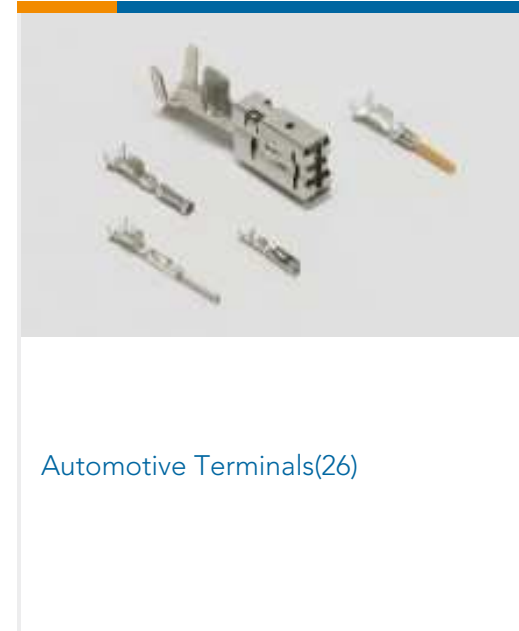
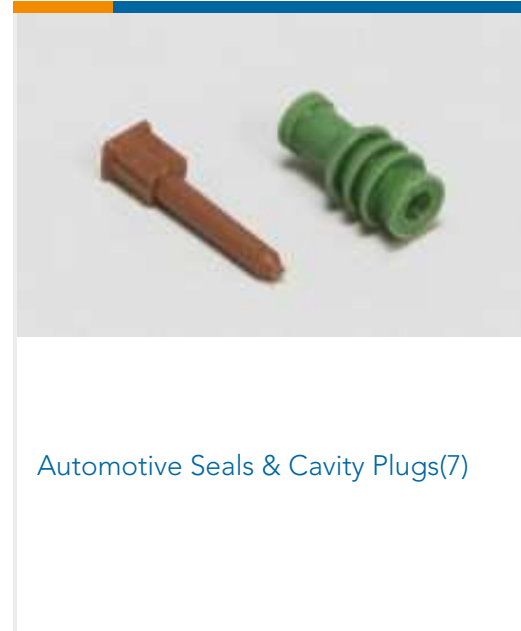
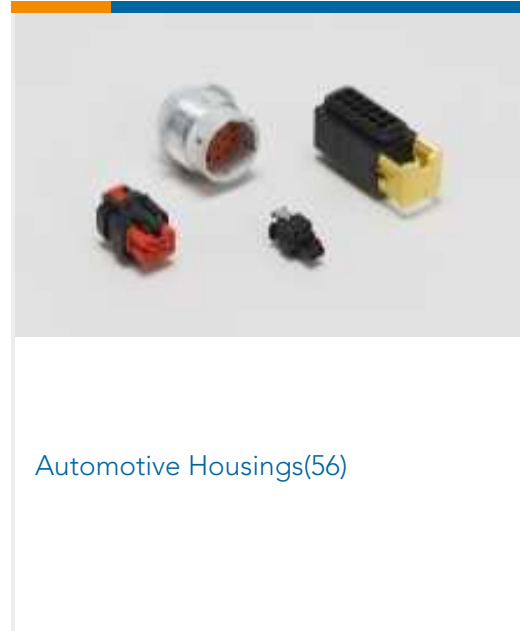
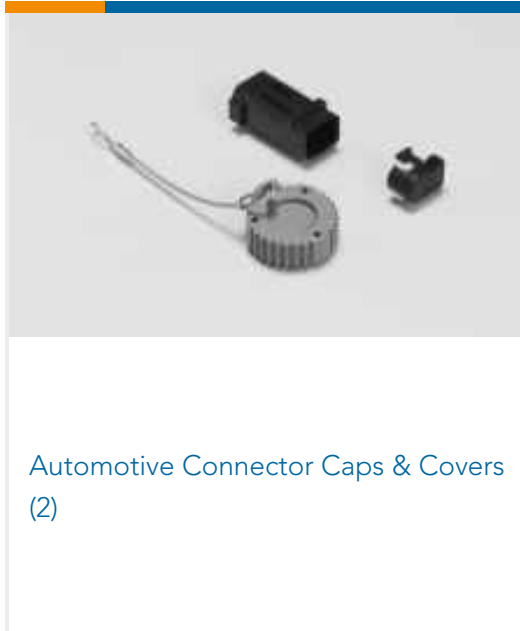
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

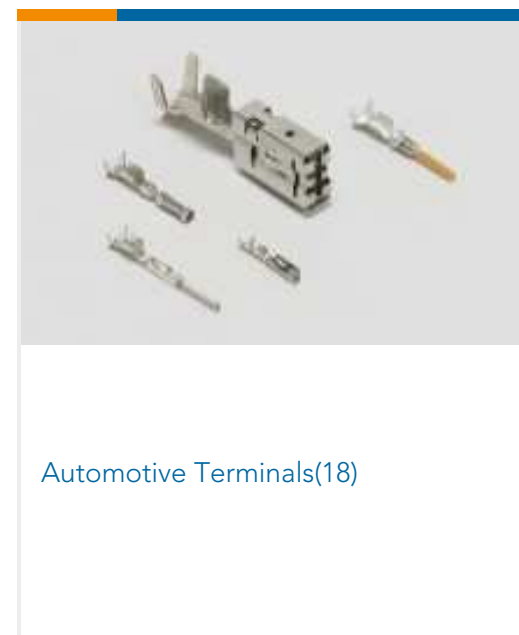
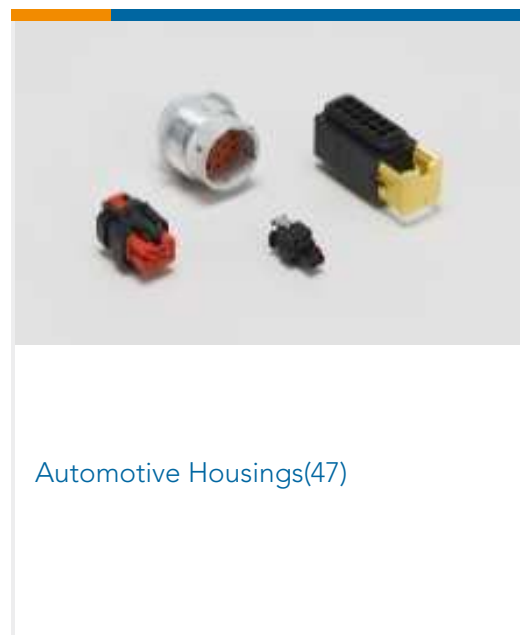
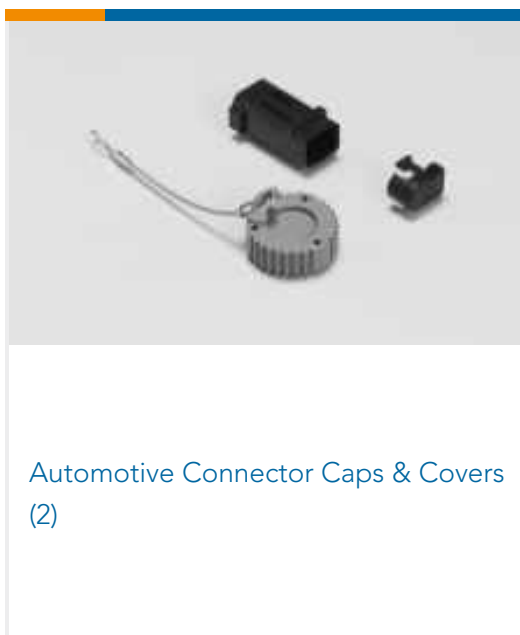




Also in the Series | NG Power Terminals and Connectors



Also in the Series | NG1





Insertion & Extraction Tools(12)

Customers Also Bought



TE Part #7501716003
RBK-ILS-125-NR4-0-75MM



TE Part #1-1801175-1
2W RECEPTACLE HP CONNECTOR
BLACK



TE Part #1801616-1
FUSES HOLDER 10 MINIFUSES



TE Part #1-1801466-2
COVER, FIXED, 2 WAY HP
CONNECTOR



TE Part #1801619-1
RELAY 70A HOLDER



TE Part #1801655-1
RCPT HSG ASSY, 8MM, 2 INSULATED
WAY, CPA



TE Part #2177790-1
CABLE FIXATION,TE,COVER INLET



TE Part #3-1904131-3
V23134A4052X549-EV-CBOX



TE Part #0989076011
RBK-ILS-125-NR2-0-30MM

Documents

Product Drawings

8MM NG1+ TERMINAL

English

CAD Files

Customer View Model

ENG_CVM_CVM_1544965-1_C.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1544965-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1544965-1_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

French

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

French