

1544969-1 ✓ ACTIVE

NG Power Terminals and Connectors, NG1

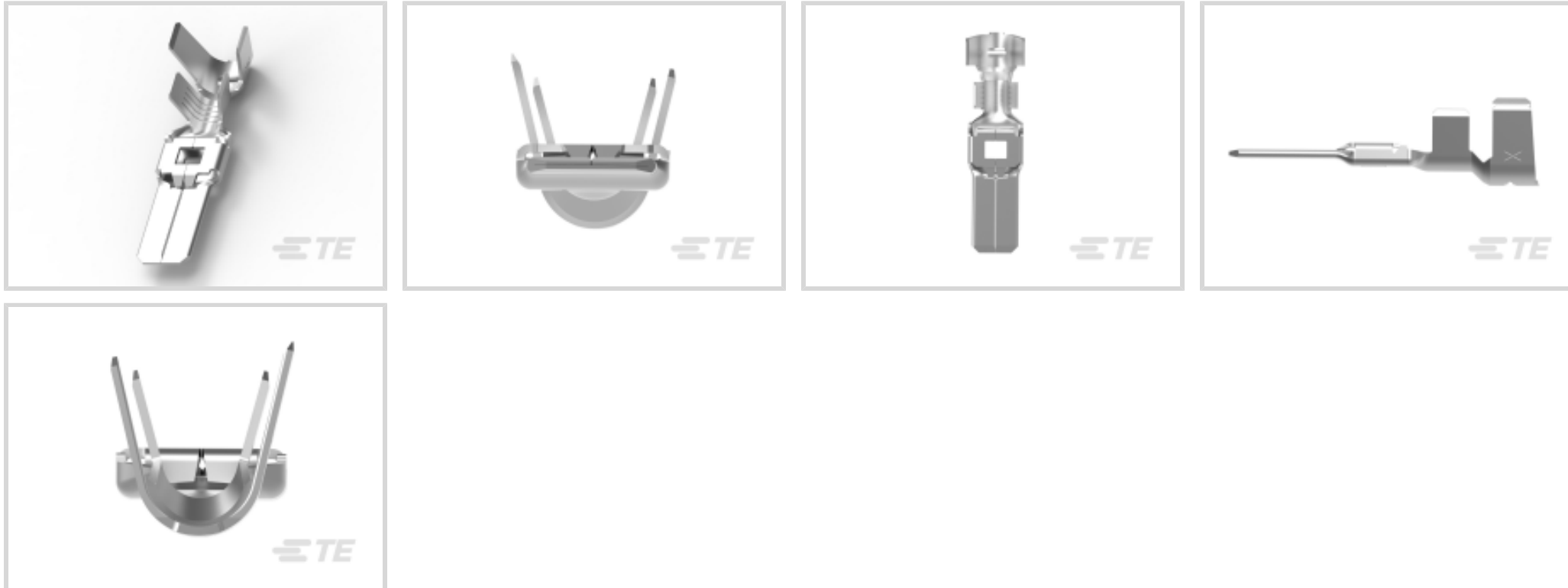
TE Internal #: 1544969-1

Automotive Terminals, Tab, Mating Tab Width 8 mm [.315 in], Tab Thickness 1 mm [.039 in], 9 – 7 AWG Wire Size, NG Power Terminals and Connectors

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals



Terminal Type: **Tab**

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

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

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

Wire Size: **9 – 7 AWG**

Features

Product Type Features

Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	8mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	67 A
Crimp Type	F-Crimp
Terminal Type	Tab
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

Compatible Insulation Diameter Range	4.9 – 5.9 mm [.193 – .233 in]
Wire Size	7 – 10 mm ²
Wire Size Search	7 AWG, 8 AWG, 9 AWG

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 Quantity	850
Packaging Method	Reel

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1544316-2
JOINT ORANGE G3



TE Part # 1544316-1
JOINT VERT G2



TE Part # 1544980-1
TAB HOUSING, 8MM NG1 PLUS, 2 WAY



TE Part # 1544970-1
SEAL, NG9K



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



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



TE Part # 1544650-2
PC 2V 8NG1 BLEU JT



TE Part # 1544650-3
PC 2V 8NG1 GRIS JT



TE Part # 1544653-1
PC 2V 8NG1 NOIR



TE Part # 1544653-2
PC 2V 8NG1 BLEU



TE Part # 1544678-1
SEALED 8NG1 2W HSG WITHOUT SKIRT AND CPA



TE Part # 1544678-2
SEALED 8NG1 2W HSG WITHOUT SKIRT AND CPA



TE Part # 1544679-1
2POS,NG1 CLIP 8MM,REC HSG,WITH CPA,ASSY



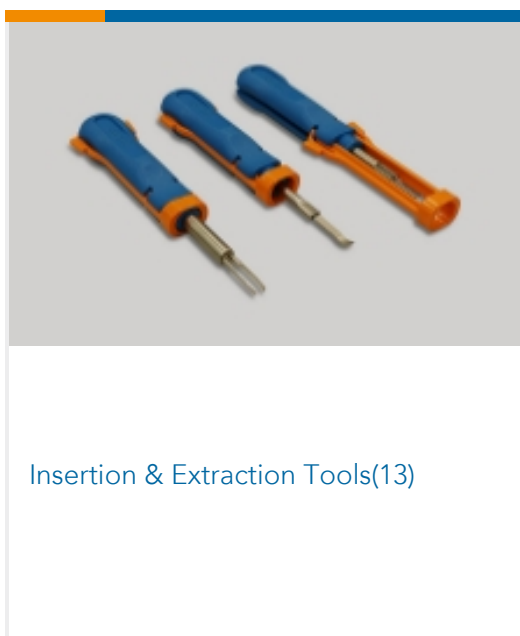
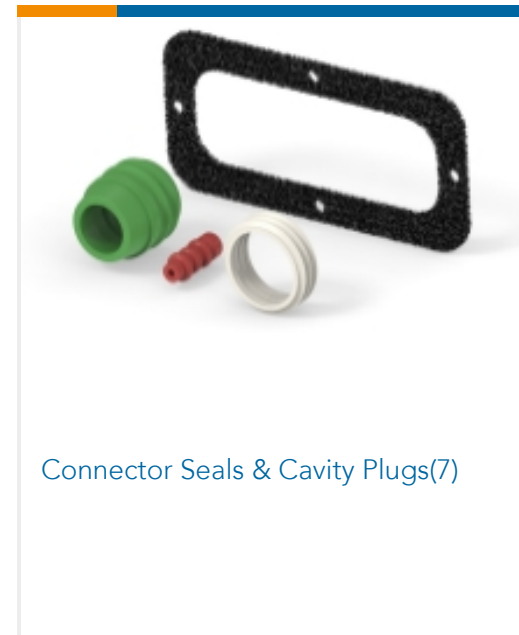
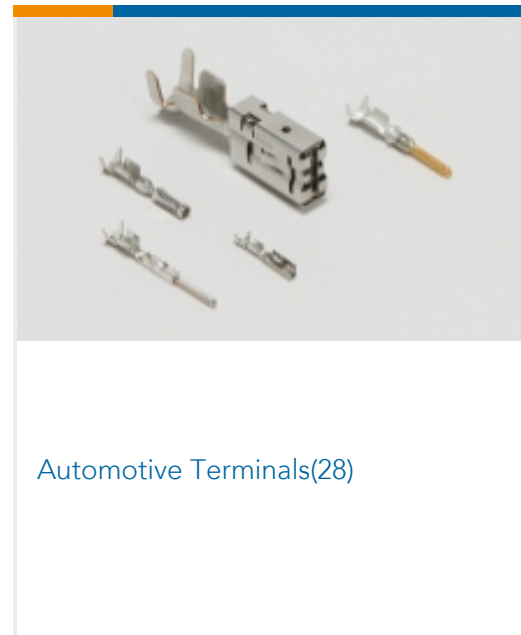
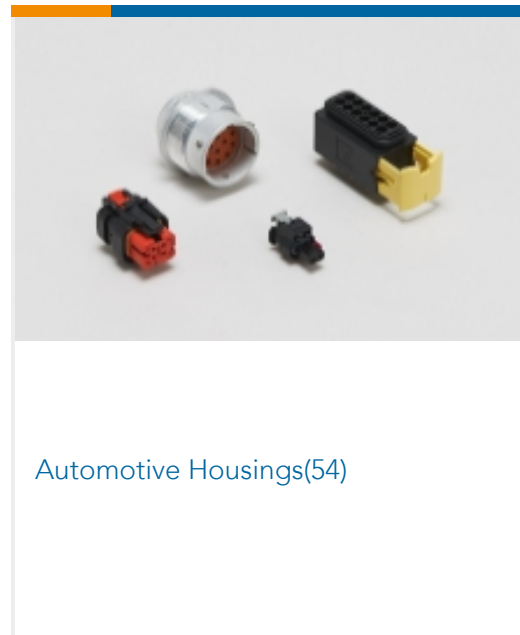
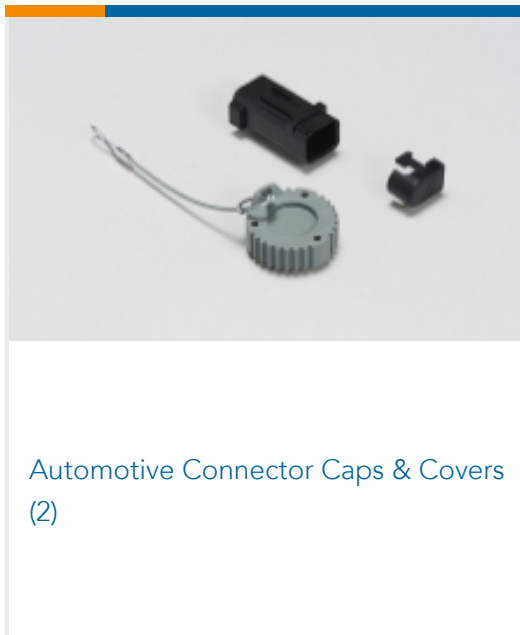
TE Part # 1544680-2
RECPT HSG ASSY, 8MM NG1, 1W, SEALED, CPA



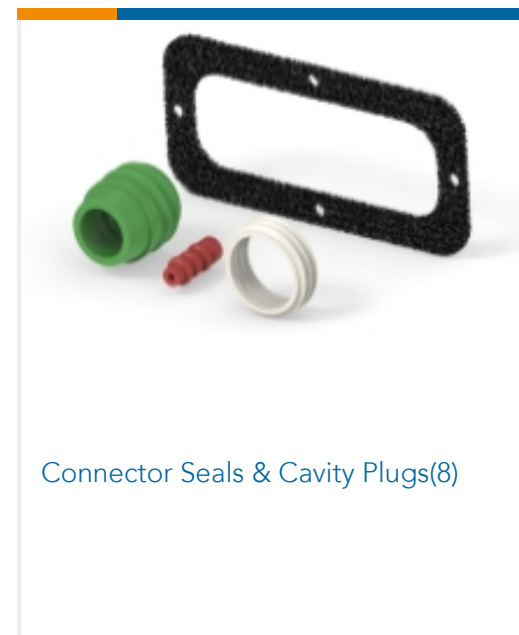
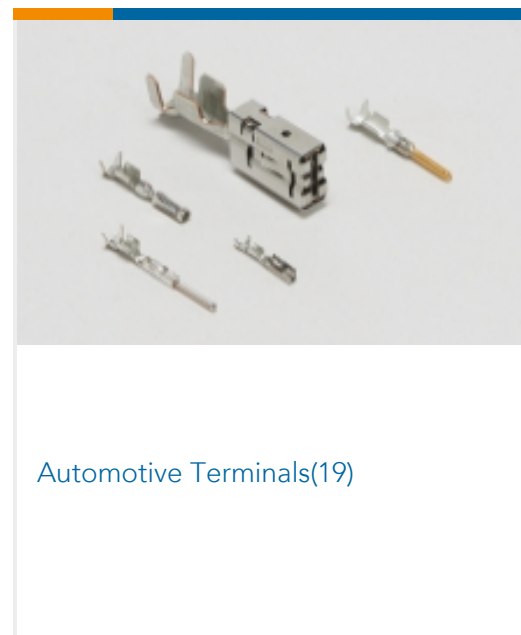
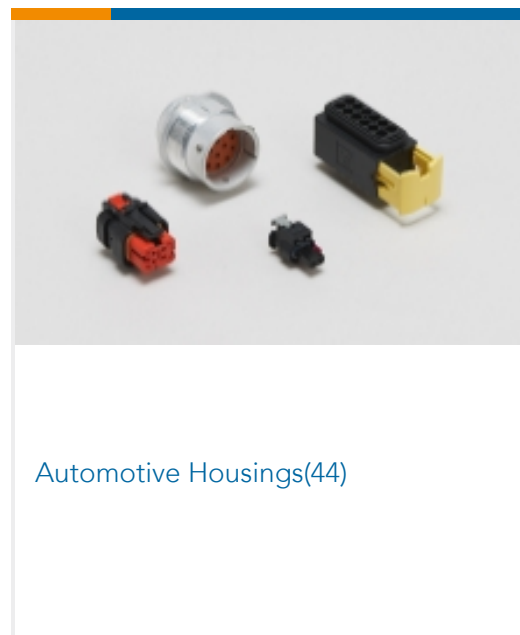
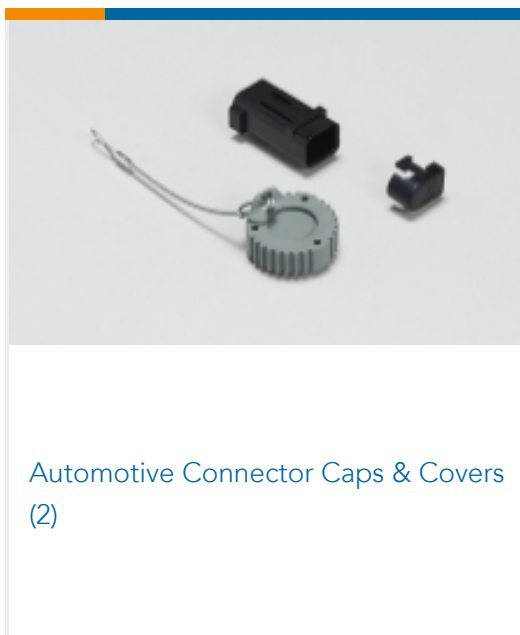
TE Part # 1544970-2
SEAL, NG9K



Also in the Series | NG Power Terminals and Connectors



Also in the Series | NG1





Insertion & Extraction Tools(12)

Customers Also Bought



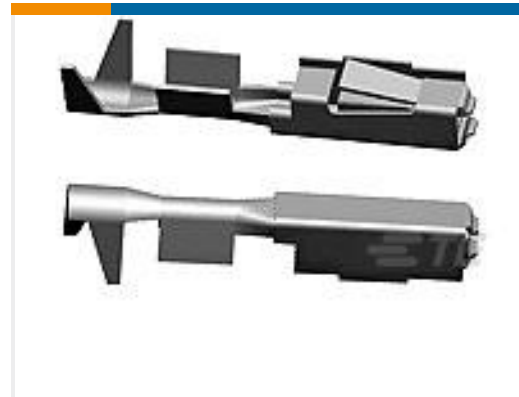
TE Part #T4111001051-000
M12,MALE,STRAIGHT,A CODE,5P,
PG7,GOLD



TE Part #DT06-2S-E008
PLG, 2P, GRY, N, XCAP



TE Part #1-967629-1
AMP MCP Unsealed Connector
Housings



TE Part #968074-2
MPQ2,8 Sn rec LL unseal. >0,5-1,0



TE Part #1719957-1
GET 0.64 TERMINAL WIRE SIZE 0.



TE Part #0021036003
RBK-ILS-125-NR3-0-65MM



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



TE Part #1544965-1
8MM NG1+ TERMINAL



TE Part #1801620-2
2 MICRORELAYS HOLDER

Documents

Product Drawings

[TAB, 8MM NG1 PLUS](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1544969-1_A.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_1544969-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1544969-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English