

1544227-1 ✓ ACTIVE

AMP | NG1, NG Power Terminals and Connectors

TE Internal #: 1544227-1

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

[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: **12 – 9 AWG**

Features

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	1300

Usage Conditions

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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	3.2 – 4.4 mm[.126 – .173 in]
Wire Size	3 – 6 mm ²
Wire Size Search	3 mm ² , 4 mm ² , 5 mm ² , 6 mm ²

Contact Features

Typical Current Rating	43 A
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Crimp Type	F-Crimp
Contact Size	8mm
Contact Fabrication	Stamped & Formed
Terminal Type	Receptacle
Mating Tab Width	8 mm [.315 in]
Mating Tab Thickness	1 mm [.039 in]
Interface Plating	Tin (Sn)

Product Type Features

Sealable	No
Primary Locking Feature	Clean Body

Other

Terminal Transmits	41 – 100 A (High Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) 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 # CAT-NC1-MPTS4812
Medium Power Terminals Single Wire
Seals 4.8mm-12mm




TE Part # 1544317-1
PC 2V 8MM WP NG1 N



TE Part # 1544332-1
LANGUETTE 8MM NG1



TE Part # 1544333-1
LANGUETTE 8MM NG1



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



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



TE Part # 1544317-3
PC 2V 8MM WP NG1 G



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



TE Part # 1544601-2
1W 8MM NG1 FOR SEALED



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



TE Part # 1544680-3
RECPT HSG ASSY, 8MM NG1, 1W,
SEALED, CPA



TE Part # 2151853-2
OCEAN_2.0_Applicator-E-160F240OV-
SEA



TE Part # 4-1579008-6
EXTRACTION TOOL



KIT
TE Part # 7-2151853-7
OCEAN_2.0_SPARE_PART_KIT-
160F240OV



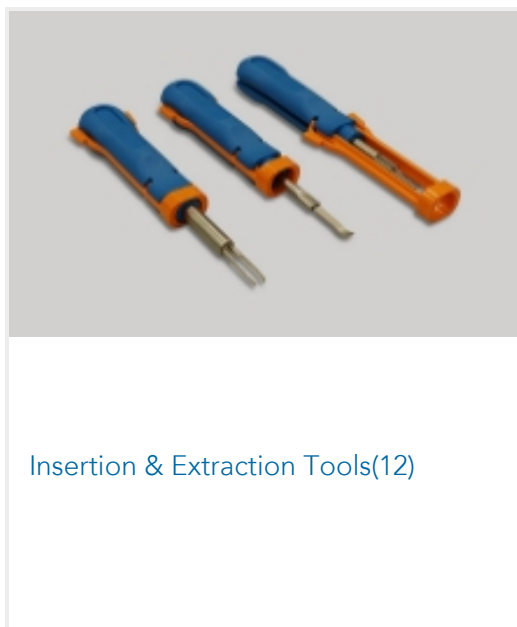
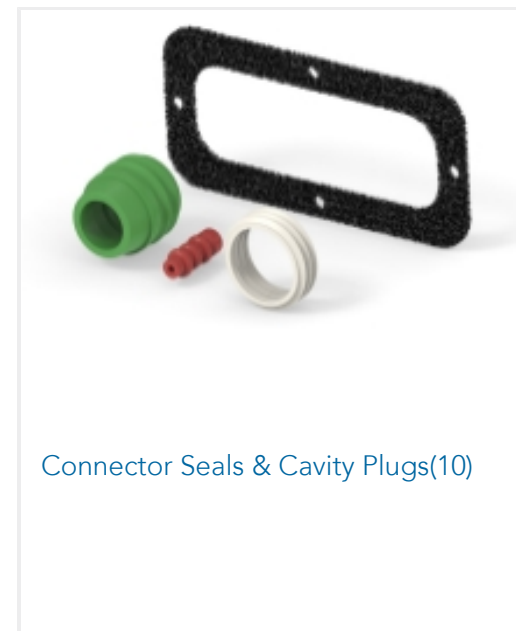
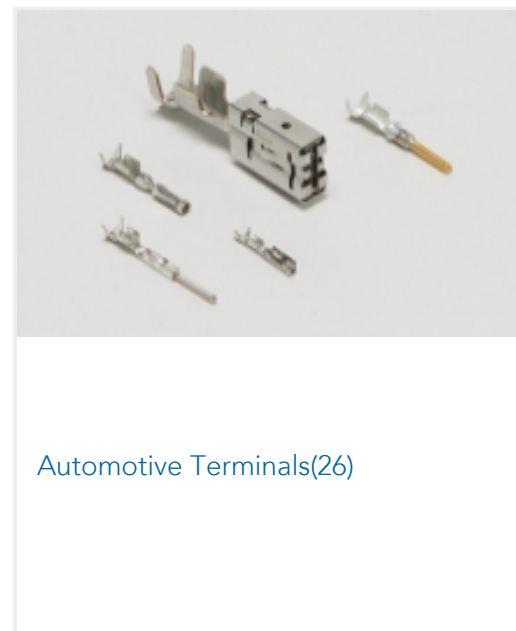
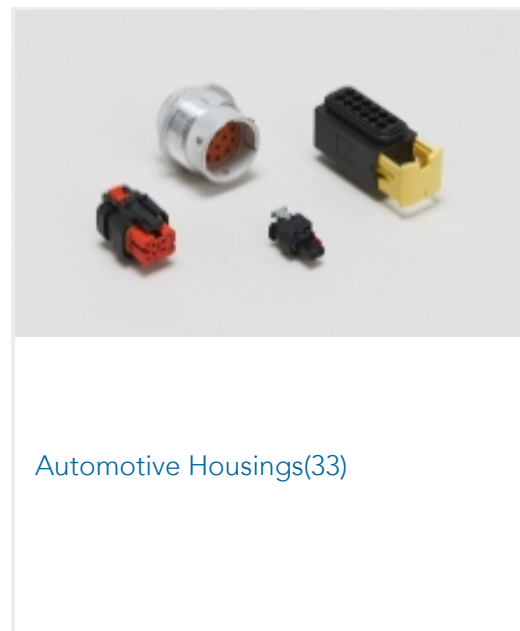
TE Part # 1544317-2
PC 2V 8MM WP NG1 B



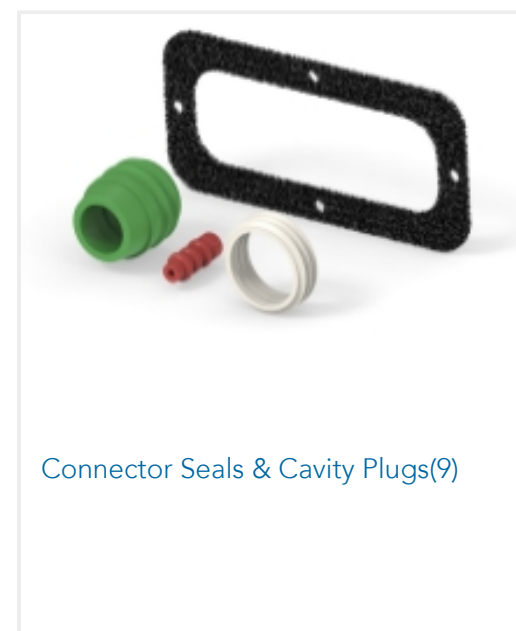
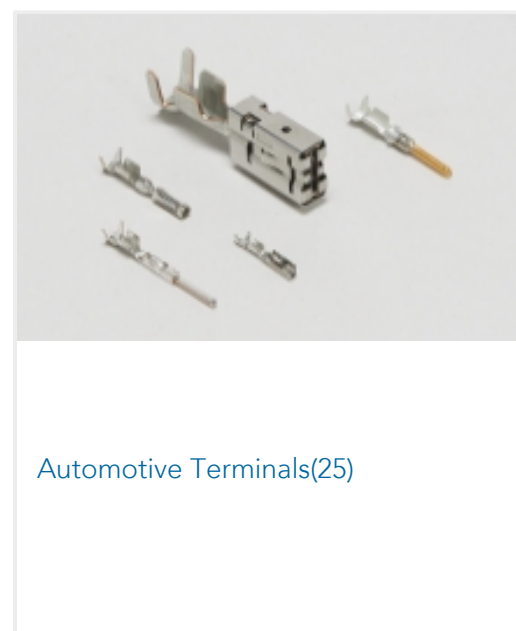
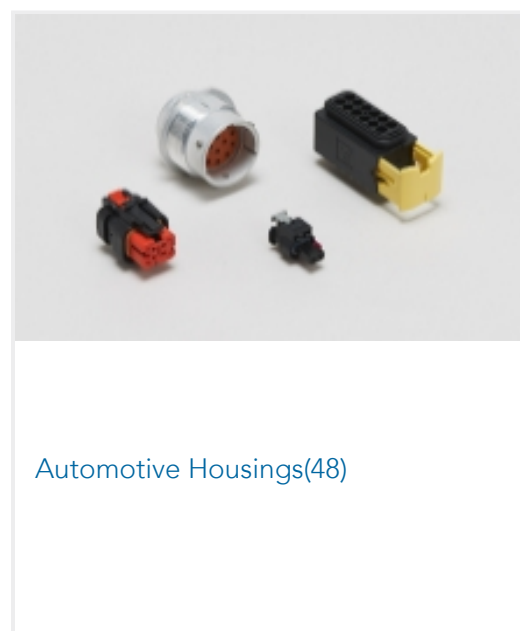
TE Part # 1544601-3
RECEPTACLE HOUSING, 8MM NG1, 1
WAY



Also in the Series | NG1

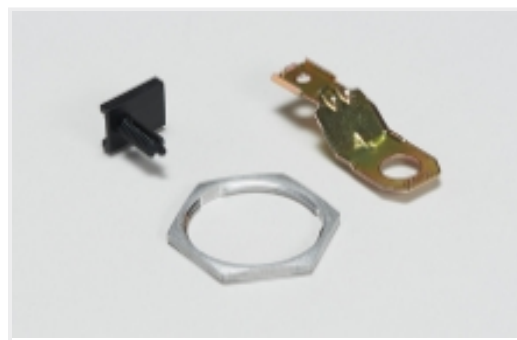


Also in the Series | NG Power Terminals and Connectors





Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(1)

Customers Also Bought



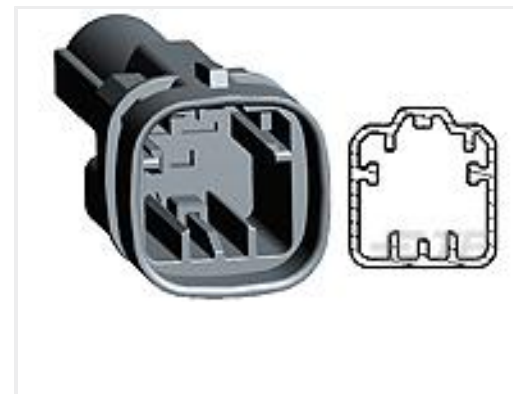
TE Part #1-962349-1
Timer Connector Housing



TE Part #1379659-6
8W PLUG HOUSING ASSY RED,
CONN KIT



TE Part #1-1452920-1
COVER ASSY FOR 30 POS EPB CONN



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



TE Part #1544361-3
2 W 8MM NG2 REC.ASS.GREY



TE Part #1544650-1
PC 2V 8NG1 NOIR JT



TE Part #1-964334-5
SPT A REC 6.3 Contact SWS Ag



TE Part #85069-2
250 P.LOCK REC



TE Part #1544504-2
CLIP 6,3 SECU 1-3

Documents

Product Drawings

[CLIP 8 MM NG1-1 PO](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_1544227-1_F.3d_igs.zip](#)

English

[Customer View Model](#)



[ENG_CVM_1544227-1_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1544227-1_F.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

Instruction Sheets

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

French