

1544965-1 ✓ ACTIVE

NG Power Terminals and Connectors, NG1

TE Internal #: 1544965-1

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

[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)
--------------------	------------------------

Contact Features

Contact Size	8mm
Contact Fabrication	Stamped & Formed
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

Compatible Insulation Diameter Range	3.7 – 4.3 mm
--------------------------------------	--------------



Wire Size	5 – 6 mm ²
-----------	-----------------------

Wire Size Search	9 AWG, 10 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
------------------------------------	--------

Packaging Features

Packaging Quantity	1300
--------------------	------

Packaging Method	Reel
------------------	------

Other

Terminal Transmits	41 – 100 A (High Power)
--------------------	-------------------------

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: JAN 2023 (233) 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 # 2-2837522-2
OCEAN-2.0-APPLICATOR-S-157F193OVA



TE Part # 2151951-2
OCEAN_2.0-APPLICATOR-S-157F244OV




TE Part # 2837522-2
OCEAN-2.0-APPLICATOR-S-157F193OVA




TE Part # 7-1579018-0
EXTRACTION TOOL


Also in the Series | NG Power Terminals and Connectors




Automotive Connector Caps & Covers (2)




Automotive Housings(57)



Automotive Seals & Cavity Plugs(7)




Automotive Terminals(28)




Insertion & Extraction Tools(13)


Also in the Series | NG1




Automotive Connector Caps & Covers (2)



Automotive Housings(47)



Automotive Seals & Cavity Plugs(8)



Automotive Terminals(19)



Insertion & Extraction Tools(12)

Customers Also Bought

TE Part #282680-1
SPLASH PR.ASSY W.SEC.LOCK2W TYTE Part #1379659-2
TH/.025 CONNECTOR SYSTEM,
HOUSINGTE Part #144617-1
STD PW TIMER W/BARRIERTE Part #1544964-1
8MM NG1+ TERMINALTE Part #1544650-3
PC 2V 8NG1 GRIS JTTE Part #1801432-1
RCPT CONT, 8MM NG1+, MAXIFUSE,
5-6 MM2TE Part #1801619-1
RELAY 70A HOLDERTE Part #1801620-2
2 MICRORELAYS HOLDER

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Product Specifications

Application Specification

French

Instruction Sheets

Instruction Sheet (non U.S.)

French