



NG Power Terminals and Connectors

TE Internal #: 1801655-1

Housing for Female Terminals, Wire-to-Device, 2 Position, .763 in [19.4 mm] Centerline, Sealable, Black, Power, NG Power Terminals and Connectors

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Connectors > Automotive Connectors > Automotive Housings



Connector & Housing Type: **Housing for Female Terminals**

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

Connector System: **Wire-to-Device**

Number of Positions: **2**

Centerline (Pitch): **19.4 mm [.763 in]**

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Device
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	180°
Primary Product Color	Black



Contact Features

Contact Size	8mm
Contact Type	Receptacle
Mating Tab Width	8 mm [.315 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Centerline (Pitch)	19.4 mm [.763 in]

Dimensions

Connector Height	31.2 mm [1.22 in]
Product Width	57.5 mm [2.26 in]
Product Length	48.3 mm [1.901 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F]
Operating Temperature Range	-40 – 100 °C [-40 – 212 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	300
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No



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 2022 (224) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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

 <p>TE Part # 1544964-1 8MM NG1+ TERMINAL</p>	 <p>TE Part # 1544965-1 8MM NG1+ TERMINAL</p>	 <p>TE Part # 1544966-1 8MM NG1+ TERMINAL</p>
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Also in the Series | [NG Power Terminals and Connectors](#)



Automotive Connector Caps & Covers
(2)



Automotive Housings(56)



Automotive Seals & Cavity Plugs(7)



Automotive Terminals(26)



Insertion & Extraction Tools(13)

Customers Also Bought



TE Part #144433-1
TIMER, RECEPTACLE AND TAB



TE Part #1379662-5
12W PLUG HSG ASSY NATURAL



TE Part #1544965-1
8MM NG1+ TERMINAL



TE Part #1544970-2
SEAL, NG9K



TE Part #1801620-2
2 MICRORELAYS HOLDER



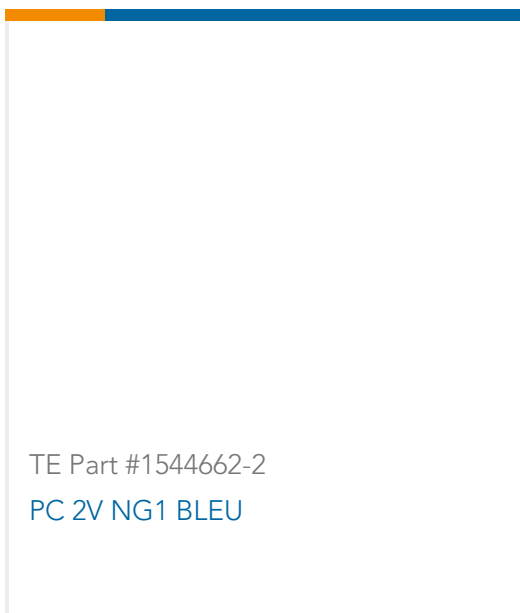
TE Part #4557596007
LSTT-19-2-50MM



TE Part #1544275-2
CLIP 6,3 SECU 1-3



TE Part #1-1544408-3
CAP. POLYAMID 6.3



TE Part #1544662-2
PC 2V NG1 BLEU

Documents



Product Drawings

[RCPT HSG ASSY, 8MM, 2 INSULATED WAY, CPA](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1801655-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1801655-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1801655-1_B.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English