



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

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
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Wire Size	5 - 6 mm²
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

Conforms to KOMAX Automatic Component Insertion Guideline	Yes, per Version 5.0 (March 2018)
Compatible With Wire Base Material	Copper

Packaging Features

Packaging Quantity	1300
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

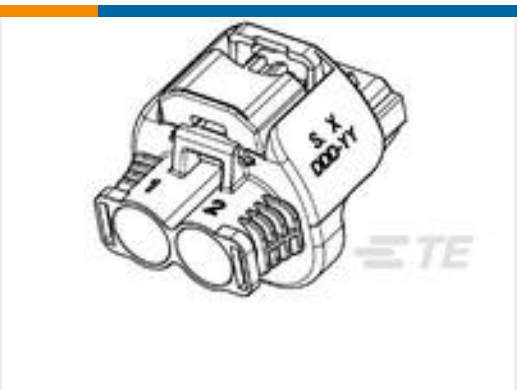
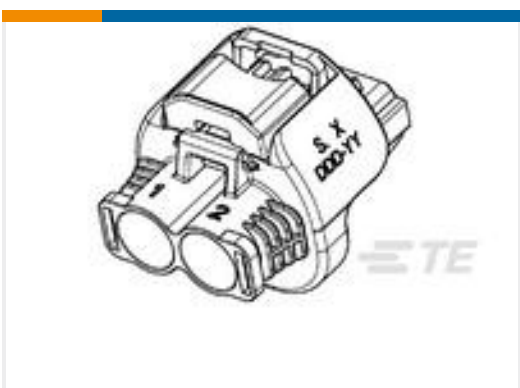
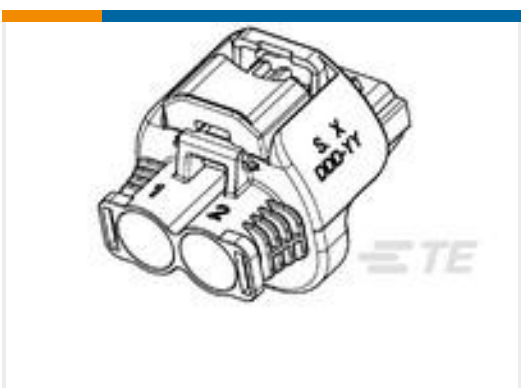
Product Compliance Disclaimer

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 # 1544316-1 JOINT VERT G2	 TE Part # 1544970-1 SEAL, NG9K	 TE Part # 1544650-1 PC 2V 8NG1 NOIR JT	 TE Part # 1544664-1 WIRE SEAL 8NG1
 TE Part # 1544680-1 RECPT HSG ASSY, 8MM NG1, 1W, SEALED, CPA	 TE Part # 1544968-1 TAB, 8MM NG1 PLUS	 TE Part # 1544970-2 SEAL, NG9K	 TE Part # 1544978-1 RECPT HSG ASSY, 8MM NG1+, 2W, SEALED
 TE Part # 1544978-2 RECPT HSG ASSY, 8MM NG1+, 2W, SEALED	 TE Part # 1544978-3 RECPT HSG ASSY, 8MM NG1+, 2W, SEALED	 TE Part # 1801422-1 RECPT HOUSING ASSY, 8MM, 2 W	 TE Part # 1801422-2 RECPT HOUSING ASSY, 8MM, 2 W
 TE Part # 1801422-3 RECPT HOUSING ASSY, 8MM, 2 W	 TE Part # 1801655-1 RCPT HSG ASSY, 8MM, 2 INSULATED WAY, CPA	 TE Part # 2151951-2 OCEAN_2.0_APPLICATOR-S-157F244OV	 TE Part # 2837522-2 OCEAN-2.0-APPLICATOR-S-157F193OV



TE Part # 7-1579018-0
EXTRACTION TOOL

KIT
TE Part # 7-2151951-7
OCEAN_2.0_SPARE_PART_KIT-157F244OV

KIT
TE Part # 7-2837522-7
OCEAN_2.0_SPARE_PART_KIT-157F193OV

TE Part # 8-1579028-9
EXTRACTION TOOL

Also in the Series | NG Power Terminals and Connectors

Automotive Connector Caps & Covers (2)

Automotive Housings(61)

Automotive Terminals(28)

Connector Seals & Cavity Plugs(7)

Insertion & Extraction Tools(13)

Other Automotive Connector Accessories(1)

Also in the Series | NG1

Automotive Connector Caps & Covers (2)

Automotive Housings(41)

Automotive Terminals(30)

Connector Seals & Cavity Plugs(8)



Insertion & Extraction Tools(12)

Customers Also Bought



TE Part # 144617-1
STD PW TIMER W/BARRIER



TE Part # 1379665-2
16W PLUG HSG ASSY GRAY



TE Part # 282788-6
SPLASH-PROOF CONN W.S.L. 2P TY



TE Part # CH03056001
QSZH-125-NR4-75MM



TE Part # 1544964-1
8MM NG1+ TERMINAL



TE Part # 1544970-1
SEAL, NG9K



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



TE Part # 1801617-1
FUSES AND RELAYS HOLDER 6
MINIFUSES



TE Part # 1801619-1
RELAY 70A HOLDER



TE 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

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Product Specifications

[Application Specification](#)

French

Instruction Sheets

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

French