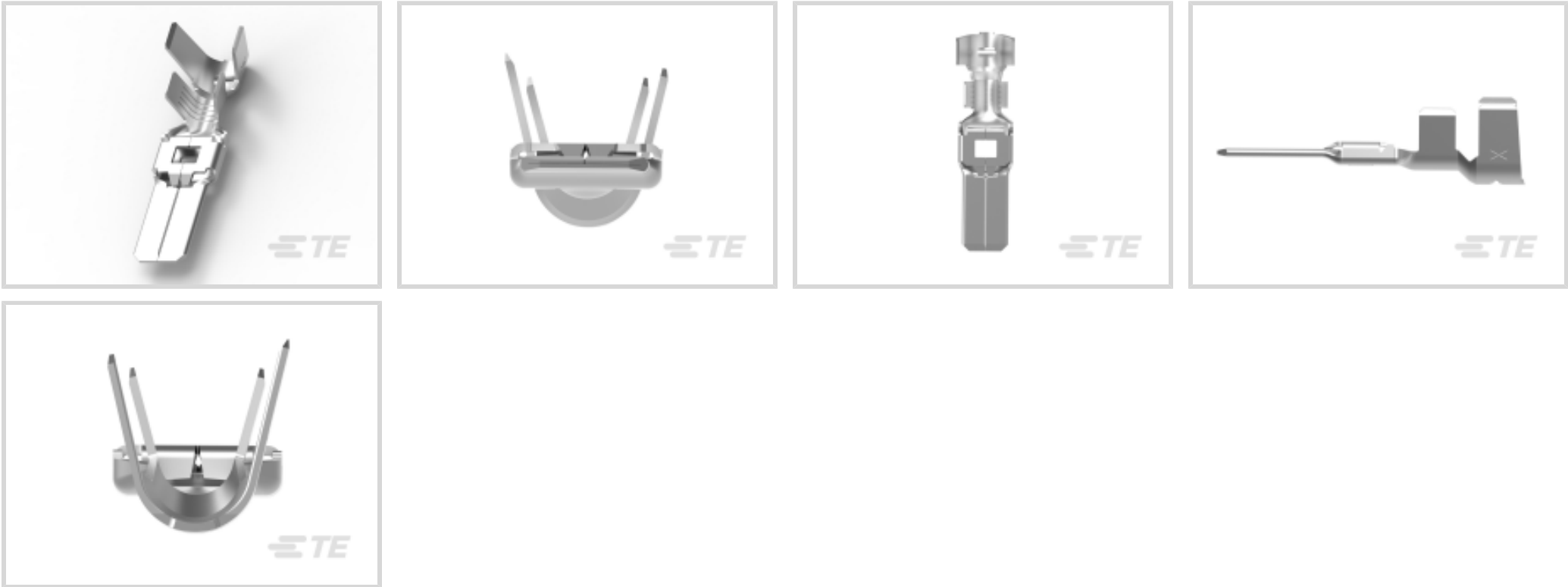




Terminals & Splices > Automotive Terminals



Terminal Type: **Tab**
Wire Size: **9 – 7 AWG**
Mating Tab Width: **8 mm [.315 in]**
Interface Plating: **Tin (Sn)**

Features

Product Type Features

Primary Locking Feature	Clean Body
Sealable	No

Contact Features

Typical Current Rating	67 A
Crimp Type	F-Crimp
Contact Size	8mm
Contact Fabrication	Stamped & Formed
Terminal Type	Tab
Mating Tab Width	8 mm[.315 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	1 mm[.039 in]

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	9 – 7 AWG
Wire Size Search	7 mm², 8 mm², 10 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[212 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)

Packaging Features

Packaging Method	Reel
Packaging Quantity	850

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

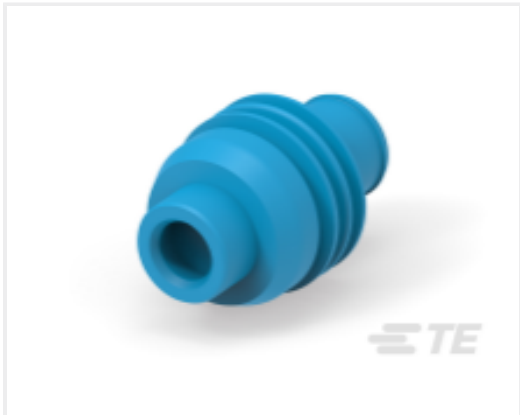
 TE Part # 1801398-3 RECEPTACLE HSG, ASSY, 8MM, 2W INSULATED	 TE Part # 1801422-2 RECEPT HOUSING ASSY, 8MM, 2 W	 TE Part # 1544680-2 RECPT HSG ASSY, 8MM NG1, 1W, SEALED, CPA	 TE Part # 1801422-1 RECEPT HOUSING ASSY, 8MM, 2 W
 TE Part # 1544679-1 2POS,NG1 CLIP 8MM,REC HSG,WITH CPA,ASSY	 TE Part # 1544980-3 TAB HOUSING, 8MM NG1 PLUS, 2 WAY	 TE Part # 1544653-2 PC 2V 8NG1 BLEU	 TE Part # 1544678-2 SEALED 8NG1 2W HSG WITHOUT SKIRT AND CPA
 TE Part # 1544978-2 RECEPT HSG ASSY, 8MM NG1+, 2W, SEALED	 TE Part # 1544650-2 PC 2V 8NG1 BLEU JT	 TE Part # 1801422-3 RECEPT HOUSING ASSY, 8MM, 2 W	 TE Part # 1544334-3 PL 2V 8MM NG1 MONT
 TE Part # 1544650-3 PC 2V 8NG1 GRIS JT	 TE Part # 1544653-1 PC 2V 8NG1 NOIR	 TE Part # 1544980-2 TAB HOUSING, 8MM NG1 PLUS, 2 WAY	 TE Part # CAT-N46-RA848 48V Ready 8mm Sealed Connectors



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



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



TE Part # 1544970-2
SEAL, NG9K



TE Part # 1544980-4
TAB HOUSING, 8MM NG1 PLUS, 2
WAY

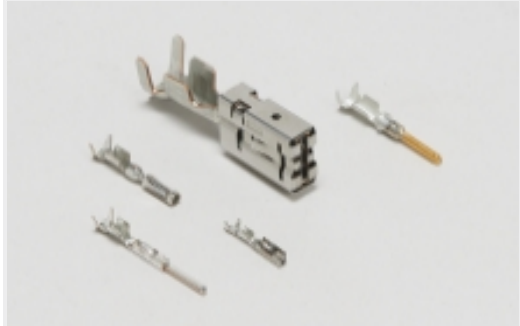
Also in the Series | NG1



Automotive Connector Caps & Covers
(3)



Automotive Housings(45)



Automotive Terminals(24)



Connector Seals & Cavity Plugs(9)



Insertion & Extraction Tools(13)

Also in the Series | NG Power Terminals and Connectors



Automotive Connector Caps & Covers
(3)



Automotive Housings(45)



Automotive Terminals(24)



Connector Seals & Cavity Plugs(9)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(1)

Customers Also Bought



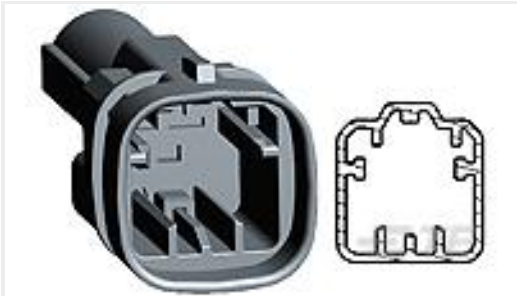
TE Part #1-1801466-1
COVER, FIXED, 2 WAY HP CONNECTOR



TE Part #1544970-4
SEAL, NG9K



TE Part #0021036031
RBK-ILS-125-NR3-0-30MM



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



TE Part #1-1801175-6
2W RECEPTACLE HP CONNECTOR BROWN



TE Part #1-1801356-1
ROTATIVE COVER, RIGHT ANGLE, 2W HP CONN



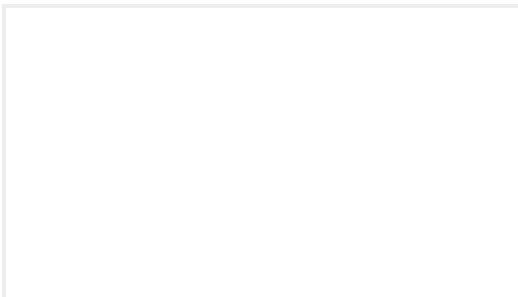
TE Part #1-1801155-5
COVER FOR 2W HP CONNECTOR



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



TE Part #90760-1
PROCRIMP TL W/DIE MIN UNIV MNL



TE Part #4-1703938-1
COVER,75,ASSY

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