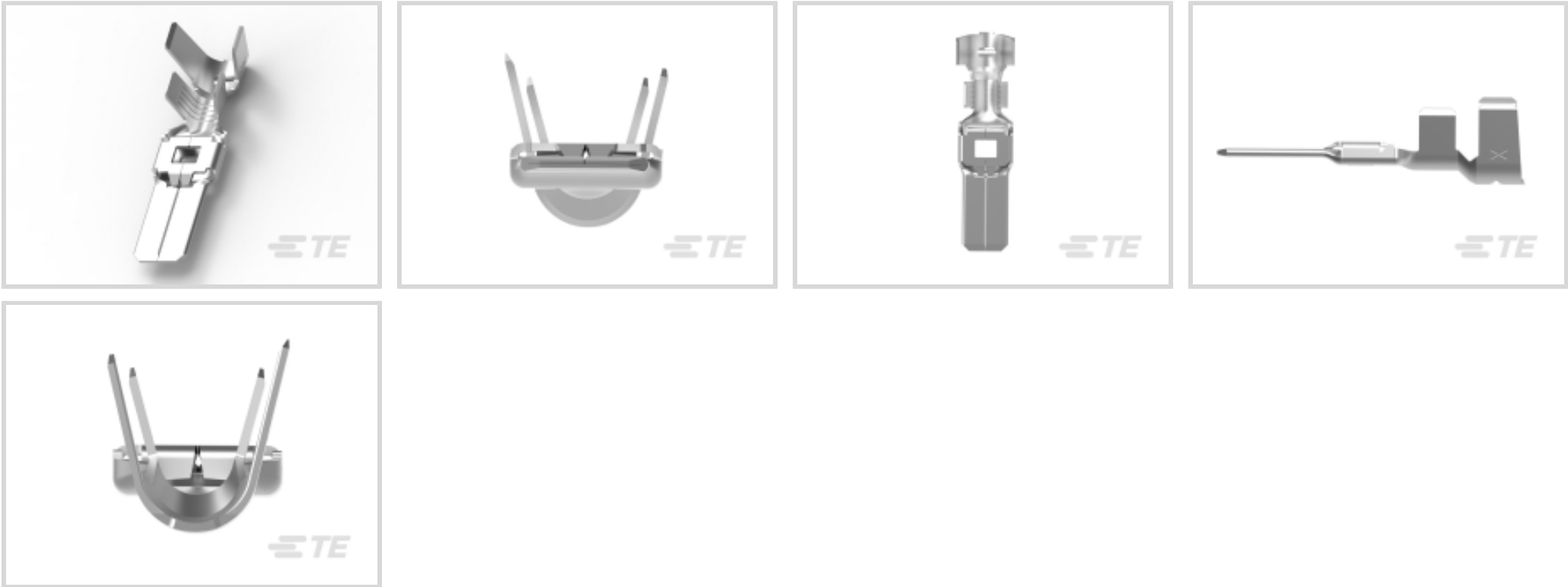




Terminals & Splices > Automotive Terminals



Terminal Type: **Tab**
Mating Tab Width: **8 mm [.315 in]**
Mating Tab Thickness: **1 mm [.039 in]**
Terminal Transmits: **41 – 100 A (High Power)**
Wire Size: **9 – 7 AWG**

Features

Product Type Features

Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	8mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	67 A
Crimp Type	F-Crimp
Terminal Type	Tab
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	4.9 – 5.9 mm[.193 – .233 in]
Wire Size	7 – 10 mm ²
Wire Size Search	7 AWG, 8 AWG, 9 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	850
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: 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 # 1544334-1 PL 2V 8MM NG1 MONT	 TE Part # 1544980-1 TAB HOUSING, 8MM NG1 PLUS, 2 WAY	 TE Part # 1544334-2 PL 2V 8MM NG1 MONT
 TE Part # 1544334-3 PL 2V 8MM NG1 MONT	 TE Part # 1544650-2 PC 2V 8NG1 BLEU JT	 TE Part # 1544650-3 PC 2V 8NG1 GRIS JT	 TE Part # 1544653-1 PC 2V 8NG1 NOIR
 TE Part # 1544653-2 PC 2V 8NG1 BLEU	 TE Part # 1544678-1 SEALED 8NG1 2W HSG WITHOUT SKIRT AND CPA	 TE Part # 1544678-2 SEALED 8NG1 2W HSG WITHOUT SKIRT AND CPA	 TE Part # 1544679-1 2POS, NG1 CLIP 8MM, REC HSG, WITH CPA, ASSY
 TE Part # 1544680-2 RECEPT HSG ASSY, 8MM NG1, 1W, SEALED, CPA	 TE Part # 1544970-2 SEAL, NG9K	 TE Part # 1544970-3 SEAL, NG9K	 TE Part # 1544978-1 RECEPT HSG ASSY, 8MM NG1+, 2W, SEALED



TE Part # 1544978-2
RECEPT HSG ASSY, 8MM NG1+, 2W, SEALED

TE Part # 1544978-3
RECEPT HSG ASSY, 8MM NG1+, 2W, SEALED

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

TE Part # 1544980-3
TAB HOUSING, 8MM NG1 PLUS, 2 WAY

Also in the Series | NG Power Terminals and Connectors

Automotive Connector Caps & Covers (2)

Automotive Housings(61)

Automotive Terminals(28)

Connector Seals & Cavity Plugs(9)

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(10)



Insertion & Extraction Tools(12)

Customers Also Bought



TE Part #1544334-1
PL 2V 8MM NG1 MONT



TE Part #2112323-1
SINGLE WIRE SEAL,MT 2,VT



TE Part #1379681-2
TH/.025 CONNECTOR SYSTEM,
HOUSING



TE Part #10218849-00
PRESS XDCR M323M-00000E-010BG



TE Part #776471-000
CWT-3809-W2



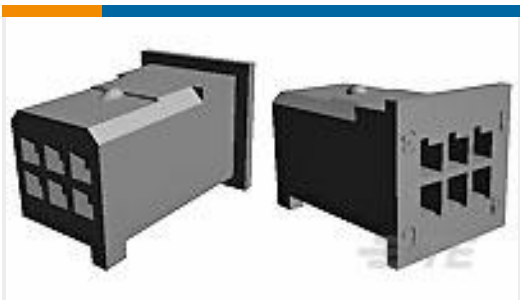
TE Part #1-1801155-5
COVER FOR 2W HP CONNECTOR



TE Part #1801178-3
3W RECEPTACLE HP CONNECTOR
GREY



TE Part #1801606-1
TAB HOUSING, MCON, 10 W, SEALED
GREY



TE Part #1-968291-2
6POS MQS REC COD A

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

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

Product Specifications

Application Specification

English