



Automotive Parts > Automotive Connectors > Automotive Housings > 48V Ready 8mm Sealed Connectors



Nominal Voltage Architecture: 12 V

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

Number of Positions: 2

Sealable: **No**

Operating Temperature Range: -40 – 125 °C [-40 – 257 °F]

[All 48V Ready 8mm Sealed Connectors \(4\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	13 VDC
Nominal Voltage Architecture	12 V



Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	Neutral

Contact Features

Contact Size	8mm
Contact Type	Receptacle
Mating Tab Width	8 mm[.314 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	12 mm[.472 in]

Dimensions

Product Width	65.4 mm[2.575 in]
Product Length	31.8 mm[1.252 in]
Connector Height	25 mm[.984 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
Operating Temperature (Max)	125 °C[257 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Method	Box
Packaging Quantity	800



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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

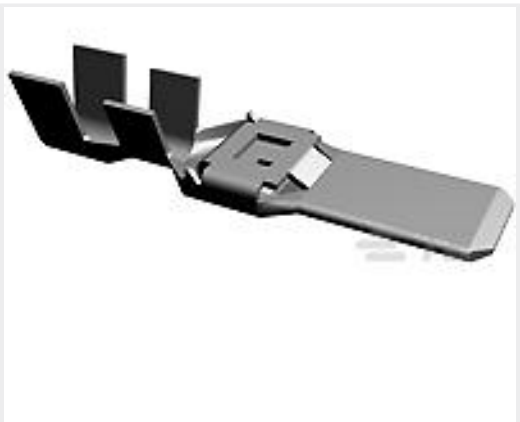
Compatible Parts



TE Part # 1544333-1
LANGUETTE 8MM NG1



TE Part # 1544967-1
TAB, 8MM NG1 PLUS



TE Part # 1544332-1
LANGUETTE 8MM NG1



TE Part # 1544969-2
TAB, 8MM NG1 PLUS



TE Part # 1544968-2
TAB, 8MM NG1 PLUS



TE Part # 1544317-1
PC 2V 8MM WP NG1 N



TE Part # CAT-NC1-MPTS4812
Medium Power Terminals Single Wire
Seals 4.8mm-12mm



TE Part # 1544678-1
SEALED 8NG1 2W HSG WITHOUT
SKIRT AND CPA



TE Part # 1544967-2
TAB, 8MM NG1 PLUS



TE Part # 1897717-1
PRONER 2P SLD PLUG ASSY BLK



TE Part # 1544679-1
2POS,NG1 CLIP 8MM,REC HSG,WITH
CPA,ASSY



TE Part # 1544969-1
TAB, 8MM NG1 PLUS



TE Part # 1544968-1
TAB, 8MM NG1 PLUS

Also in the Series | NG1



Automotive Connector Caps & Covers
(1)



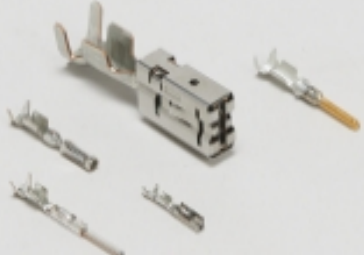
Automotive Seals & Cavity Plugs(11)



Automotive Signal & Power Connector
Housings(45)



Automotive Signal & Power Headers(2)



Automotive Terminals(24)

Also in the Series | NG Power Terminals and Connectors



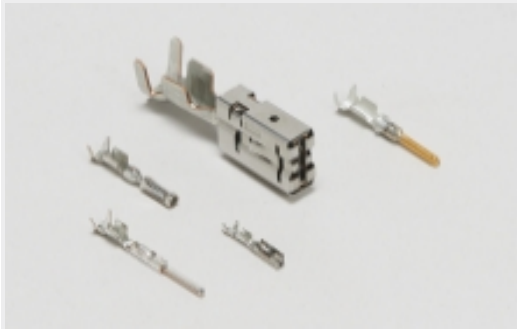
Automotive Connector Caps & Covers (1)



Automotive Seals & Cavity Plugs(11)



Automotive Signal & Power Connector Housings(45)



Automotive Terminals(24)

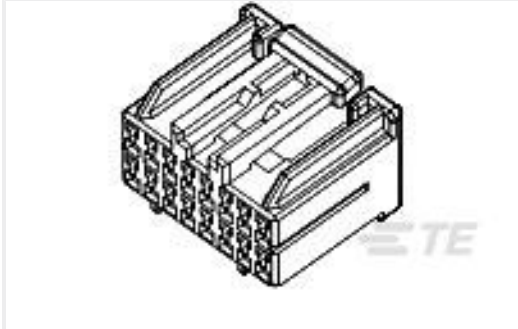


Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #K1160973
Power Relay 29-251-11-907



TE Part #917992-6
HYBRID MK-2 PLUG HSG ASSY 26P



TE Part #1544228-1
CLIP 8 MM NG1-1 PO



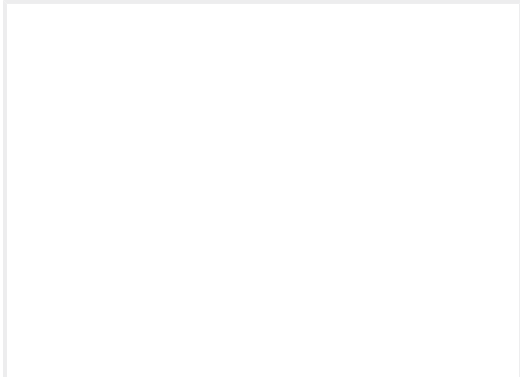
TE Part #1813344-1
7p 1.5mm socket housing assy' coding A



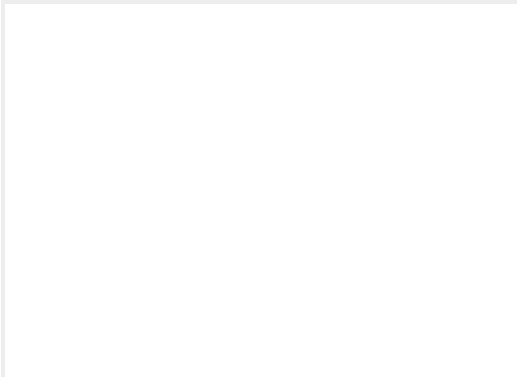
TE Part #2304884-1
16POS,HYBRID,REC HSG ASSY,SLD, COD 1



TE Part #3-2392990-4
1P FAKRA II HSG ASSY 90DEG COD Z



TE Part #1203559-3
EXTERNAL RELAY BASE(FR)



TE Part #2389397-1
MATE-AX,STMPD SOC CNTR TRMNL, 180DEG



TE Part #1-2425609-1
4POS,1.2X0.6,TAB HSG ASSY,SLD, COD A



TE Part #2435001-1
AMP SUPERSEAL 1.5 SERIES 4P CA, CONN KIT

Documents



Product Drawings

PL 2V 8MM NG1 MONT

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1544334-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_1544334-1_D.3d_stp.zip

English

Customer View Model

ENG_CVM_1544334-1_D.2d_dxf.zip

English

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

Product Specifications

Product Specification

French

Instruction Sheets

Instruction Sheet (non U.S.)

English