1544606-1 ✔ ACTIVE

AMP | NG Power Terminals and Connectors, NG1

TE Internal #: 1544606-1

12 V, 1 Position, Automotive Housing for Male Terminals, Wire-to-Wire, Sealable, Black, Wire & Cable, Cable Mount (Free-Hanging), Hybrid

View on TE.com >

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: **1**

Sealable: **Yes**

Operating Temperature Range: **-40 – 100 °C [-40 – 212 °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	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	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	Tab
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

Dimensions

Product Width	63.7 mm[2.508 in]
Product Length	22.5 mm[.886 in]
Connector Height	24.6 mm[.969 in]

Usage Conditions

Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]
Operating Temperature (Max)	100 °C[212 °F]

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Box
Packaging Quantity	1000

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

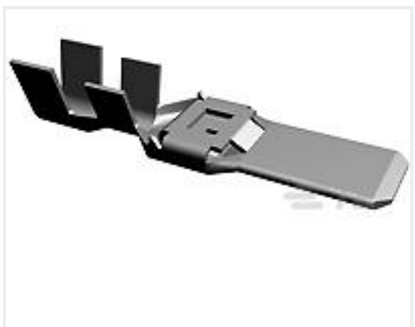
Product Compliance Disclaimer

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 # 1544333-1
LANGUETTE 8MM NG1



TE Part # 1544332-1
LANGUETTE 8MM NG1



TE Part # 1544603-1
1W 8MM NG1 SEALED CLIP ASSY BLACK



TE Part # 1544680-1
RECPT HSG ASSY, 8MM NG1, 1W, SEALED, CPA



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



TE Part # 1544601-1
PC 1V 8MM NG1 ETANCHABLE



TE Part # 7-1579018-4
EXTRACTION TOOL

Also in the Series | NG1



Automotive Housings(45)



Automotive Seals & Cavity Plugs(11)



Automotive Signal & Power Connector Housings(45)

Also in the Series | NG Power Terminals and Connectors



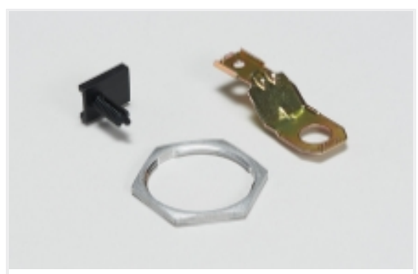
Automotive Housings(45)



Automotive Seals & Cavity Plugs(11)

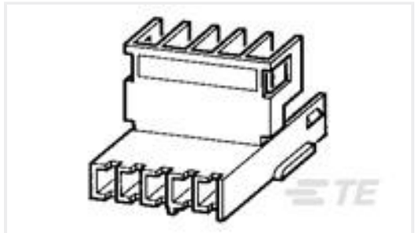


Automotive Signal & Power Connector Housings(45)

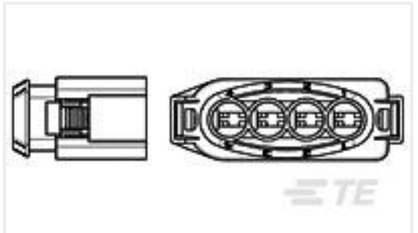


Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #142680-1
PL MK III 2 POS HOUSING BROEN RAL 8016



TE Part #1355164-1
SPT FLA-KONT-GEH 4P



TE Part #5-1393304-7
V23134M0052G242-EV-CBOX



TE Part #1544316-1
JOINT VERT G2



TE Part #1801176-1
2W RECEPTACLE HPSL CONNECTOR BLACK



TE Part #1801178-1
3W RECEPTACLE HP CONNECTOR BLACK



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



TE Part #1801823-1
4POS,MCON 0.5 CB,REC HSG,BLACK, ASSY,SLD

TE Part #M7139-350BG-200000
PRESS XDCR M7139-350BG-200000

TE Part #1801422-3
RECEPT HOUSING ASSY, 8MM, 2 W

Documents

Product Drawings

TAB HOUSING, 8MM NG1, 1 WAY

English

CAD Files

Customer View Model

ENG_CVM_CVM_1544606-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1544606-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1544606-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

PRECONISATION DE CONTROLE PAR < PUSH-TEST > DU PORTE-CLIP 1 VOIE 8NG1 ETANCHE TESTING INSTRUCTIONS FOR < PUSH TEST > ON THE 1-WAY 8NG1 WATERPROOF CLIP HOUSING

English

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

English