

1544317-1 ✓ ACTIVE

NG Power Terminals and Connectors, NG1

TE Internal #: 1544317-1

Housing for Female Terminals, Wire-to-Wire, 2 Position, .472 in [12 mm] Centerline, Sealable, Black, Wire & Cable, Signal, Hybrid

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Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Wire**

Number of Positions: **2**

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

Centerline (Pitch): **12 mm [.472 in]**

Sealable: **Yes**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	13 VDC
Nominal Voltage Architecture	13 V

Body Features

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

Contact Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	29.8 mm[1.173 in]
Product Width	29.8 mm[1.173 in]
Product Length	34.6 mm[1.362 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	750
Packaging Method	Box

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1544334-1
PL 2V 8MM NG1 MONT



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



TE Part # 1544227-1
CLIP 8 MM NG1-1 PO



TE Part # 1579018-3
INSERTION TOOL



TE Part # 8-1579008-3
INSERTION TOOL



TE Part # 1544434-1
BOITIER PC 2 VOIES

Also in the Series | NG Power Terminals and Connectors



Automotive Connector Caps & Covers (2)



Automotive Housings(54)



Automotive Terminals(28)



Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)

Also in the Series | NG1



Automotive Connector Caps & Covers (2)



Automotive Housings(44)



Automotive Terminals(19)



Connector Seals & Cavity Plugs(8)



Insertion & Extraction Tools(12)

Customers Also Bought



TE Part #1719105-2
14POS,JPT,REC. HSG



TE Part #2-2109441-3
MCP 2.8 8P PLUG ASSY B-GRY/C



TE Part #2209545-1
94P,MQS CB,REC HSG,ASSY,SEALED



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



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



TE Part #8-1618388-3
LEV200AKANA=RELAY, SPST-NO



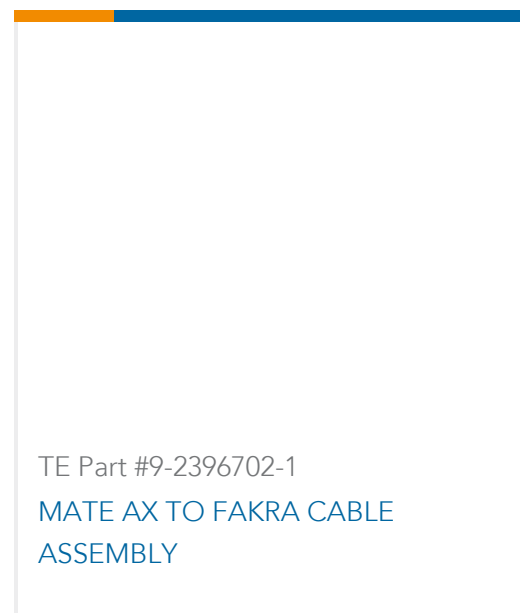
TE Part #1743637-2
HYB SLD 36P PLUG COVER HSG



TE Part #1743638-2
HYB SLD 36P CAP COVER HSG



TE Part #1801620-1
2 MICRORELAYS HOLDER



TE Part #9-2396702-1
MATE AX TO FAKRA CABLE ASSEMBLY

Documents

Product Drawings

[PC 2V 8MM WP NG1 N](#)

English

[PC 2V 8MM WP NG1 N](#)

English

[PC 2V 8MM WP NG1 N](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_1544317-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1544317-1_F.3d_stp.zip](#)

English

Customer View Model



[ENG_CVM_1544317-1_F.2d_dxf.zip](#)

English

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Product Specifications

[Product Specification](#)

English

[Product Specification](#)

French

Instruction Sheets

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

English

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

French