

1438426-3 ✓ ACTIVE

AMP | AMP 0.64 Connector System

TE Internal #: 1438426-3

2 Position Housing, Housing for Female Terminals, Wire-to-Board, 2.54 mm [.1 in] Centerline, Sealable, Gray, Wire & Cable, AMP 0.64 Connector System

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Automotive Parts > Automotive Connectors > Automotive Housings



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

Number of Positions: **2**

Sealable: **Yes**

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

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Primary Product Color	Gray
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Connector & Keying Code	B
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Contact Features

Contact Size	.64mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.02 in]
Contact Current Rating (Max)	7.7 A

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	Nylon 6/6 GF35
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Width	35.3 mm[1.39 in]
Product Length	20.6 mm[.811 in]
Connector Height	16.4 mm[.646 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
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Industry Standards

Compatible With Agency/Standards Products	SAE/USCAR-2
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Package
Packaging Quantity	25

Other



Connector Position Assurance Capable	Yes
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Product Compliance

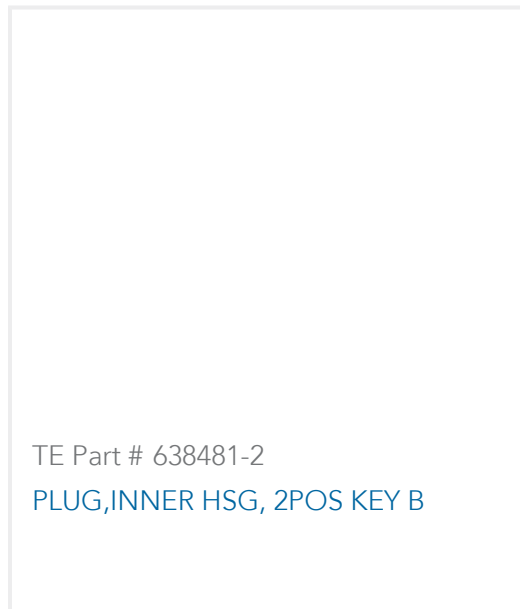
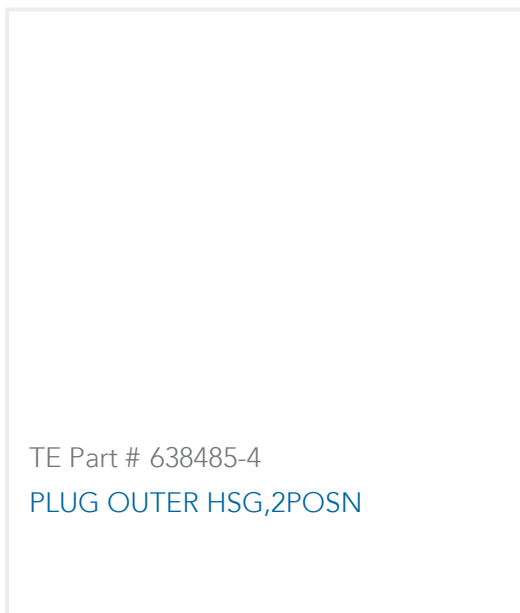
[For compliance documentation, visit the product page on TE.com>](#)

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	<p>Current ECHA Candidate List: JAN 2025 (247)</p> <p>Candidate List Declared Against: JAN 2025 (247)</p> <p>SVHC > Threshold:</p> <p>Dodecamethylcyclohexasiloxane (D6) (.5% in 27520038520)</p> <p>Decamethylcyclopentasiloxane (D5) (.5% in 27520038520)</p> <p>Octamethylcyclotetrasiloxane (D4) (.5% in 27520038520)</p> <p>Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

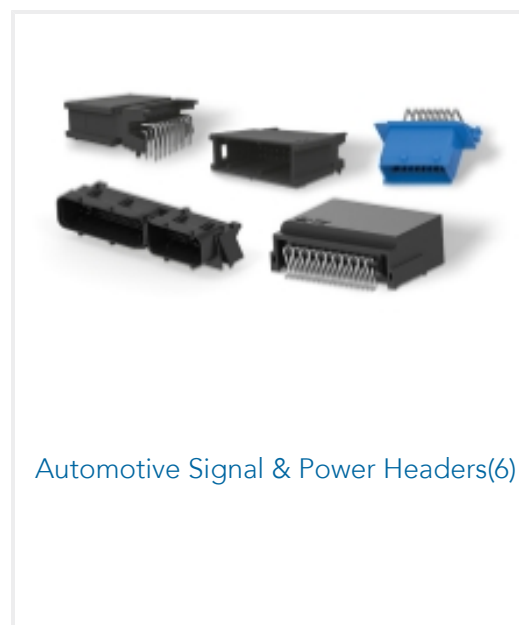
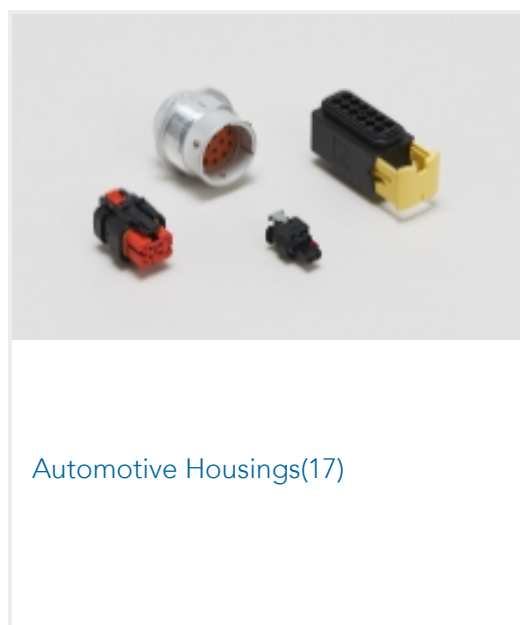
Product Compliance Disclaimer

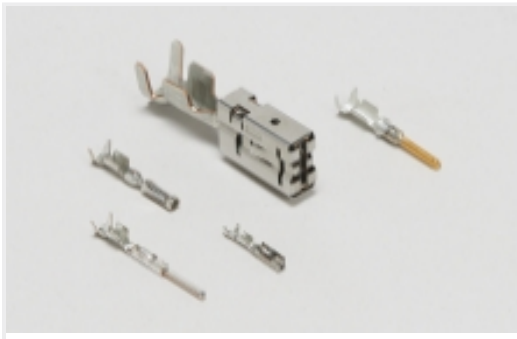
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | AMP 0.64 Connector System





Automotive Terminals(5)

Customers Also Bought



TE Part #AS624-29PN
PLUG BOOT TERMIN'N TYPE 6



TE Part #1028-013-0805
BKSHL, 8P, BLK, PLG, ST, NW 10/13



TE Part #384456-E
SRCBUG A 2,54 2 4 CSI 165 E1 ADV J 2 324



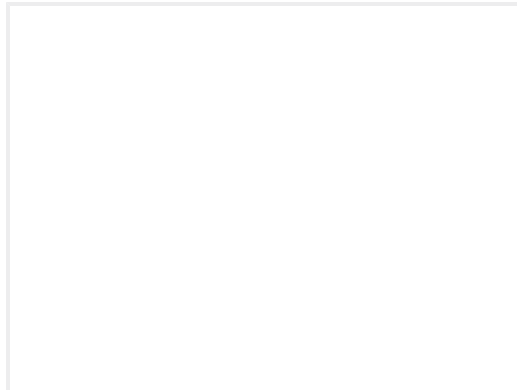
TE Part #CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



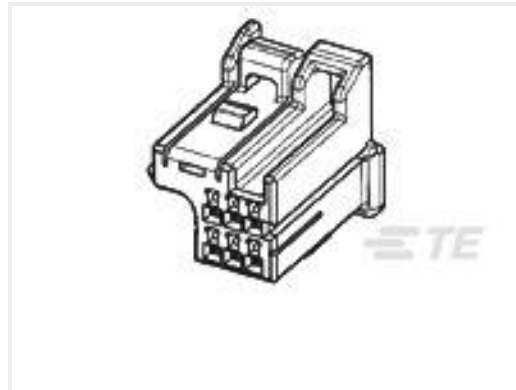
TE Part #1827120-1
SQUIB LOCKING BUTTON



TE Part #3-2177198-1
COVER,10 POS. MQS,BU



TE Part #F168413001
ASC86161B



TE Part #1318825-7
AIR BAG PLUG ASSY 6P



TE Part #4-2177198-1
COVER,10 POS. MQS,VT

Documents

Product Drawings

0.64MM, 2POSN SEALED PLUG, GRA

English

CAD Files

Customer View Model

ENG_CVM_CVM_1438426-3_C.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1438426-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1438426-3_C.3d_stp.zip](#)

English

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

Instruction Sheets

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

English