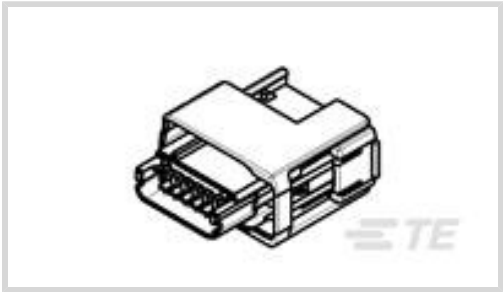




Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **6**

Centerline (Pitch): **2.54 mm [.1 in]**

Sealable: **Yes**

Mating Tab Width: **.64 mm [.025 in]**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Sealable	Yes

Configuration Features

Number of Positions	6
Number of Rows	1

Body Features

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	.64mm
Mating Tab Width	.64 mm[.025 in]

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
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

Connector Height	35.8 mm[1.409 in]
Product Width	15.85 mm[.624 in]
Product Length	29.9 mm[1.177 in]

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

Compatible With Agency/Standards Products	SAE/USCAR-2
---	-------------

Packaging Features

Packaging Quantity	25
Packaging Method	Package

Other

Serviceable	No
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 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) 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.

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



TE Part # 9-1579007-0
EXTRACTION TOOL



TE Part # 638487-1
PLUG OUTER HSG,6POSN

Also in the Series | AMP 0.64 Connector System



Automotive Connector Caps & Covers
(17)



Automotive Housings(26)



Automotive Terminals(12)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(5)

Customers Also Bought



TE Part #0462-201-2031
SOC, SOLID, SIZE 20, 20AWG, AU



TE Part #284844-1
12 POS MCP HYBRID MALE CONN AS



TE Part #184140-1
WIRE SEAL,RUBBER,SENSOR, ORANGE



TE Part #1-87456-0
14 MODIV HSG DR MRKD .100CL



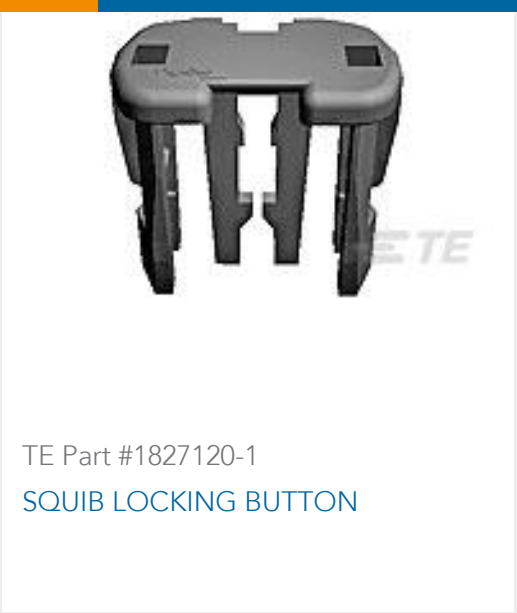
TE Part #1452303-1
INL:R.BUM.MAL HSG12



TE Part #2-1418639-5
2POS MQS REC COD B



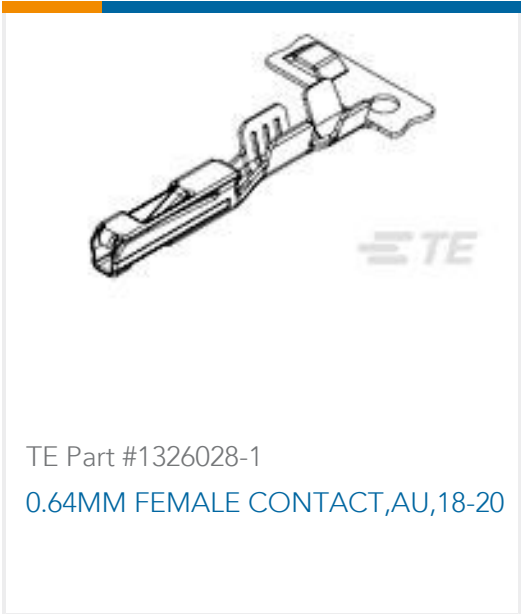
TE Part #2301462-1
30POS,HYBRID,REC HSG ASSY,SLD, COD A



TE Part #1827120-1
SQUIB LOCKING BUTTON



TE Part #184095-2
RECPT, CONTACT .070, PTPPHBZ



TE Part #1326028-1
0.64MM FEMALE CONTACT,AU,18-20

Documents

Product Drawings

PLUG ASSY, 6POS SEALED, KEY A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_638514-1_G.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_638514-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_638514-1_G.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