

638394-1

✓ ACTIVE

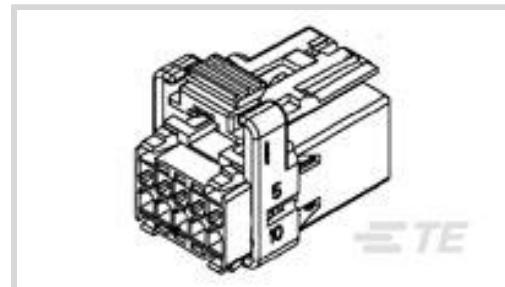
AMP | AMP 0.64 Connector System

TE Internal #: 638394-1

Wire-to-Wire, 12 Position, .1 in [2.54 mm] Centerline, Black, Signal, Cable Mount (Free-Hanging), Key A, AMP 0.64 Connector System

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings

Connector System: **Wire-to-Wire**Number of Positions: **12**Centerline (Pitch): **2.54 mm [.1 in]**Sealable: **No**Mating Tab Width: **.64 mm [.025 in]****Features****Product Type Features**

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

Configuration Features

Number of Positions	12
Number of Rows	2

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	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With

Connector Mounting Type

Cable Mount (Free-Hanging)

Housing Features

Housing Material

PBT GF

Centerline (Pitch)

2.54 mm [.1 in]

Dimensions

Connector Height

25.01 mm [.985 in]

Product Width

20.3 mm [.799 in]

Product Length

18 mm [.709 in]

Row-to-Row Spacing

2.54 mm [.1 in]

Operation/Application

Circuit Application

Signal

Industry Standards

Compatible With Agency/Standards Products

SAE/USCAR-2

UL Flammability Rating

UL 94HB

Packaging Features

Packaging Quantity

25

Packaging Method

Package

Other

Serviceable

No

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: JAN 2024 (240)

Candidate List Declared Against: JAN 2024 (240)

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 # 638551-3
CONTACT, FEMALE, 0.64MM, SN, 18-20



TE Part # 1326028-3
0.64MM FEMALE CONTACT, AU, 18-20



TE Part # 1326028-5
.64MM FEM CONT, AU, 18-20, FORMED



TE Part # 638551-1
CONTACT, FEMALE, 0.64MM, SN, 18-20



TE Part # 1326028-2
0.64MM FEMALE CONTACT, AU, 22AWG



TE Part # 638551-4
CONTACT, FEMALE, 0.64MM, SN, 22



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



TE Part # 638551-2
CONTACT, FEMALE, 0.64MM, SN, 22



TE Part # 1326028-4
0.64MM FEMALE CONTACT, AU, 22AWG

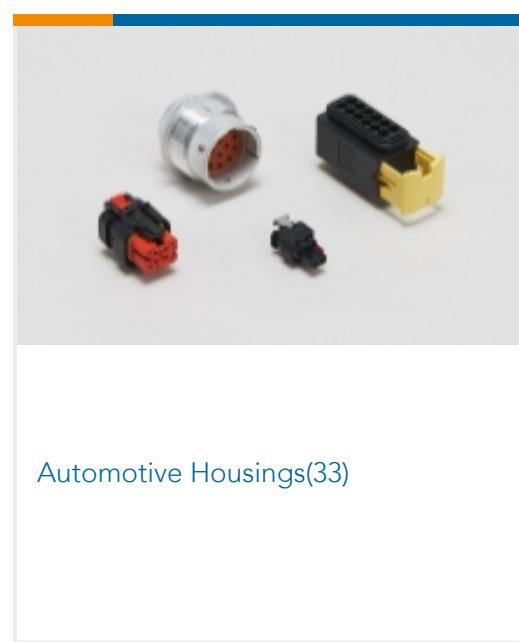


TE Part # 1326028-6
0.64MM FEMALE CONTACT, AU, 22AWG

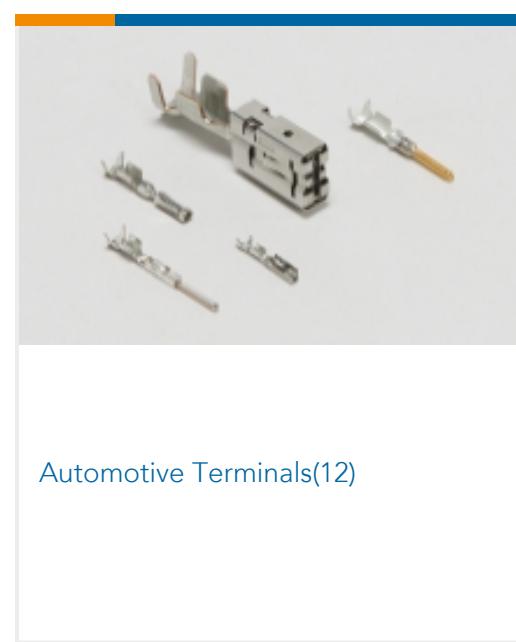
Also in the Series | **AMP 0.64 Connector System**



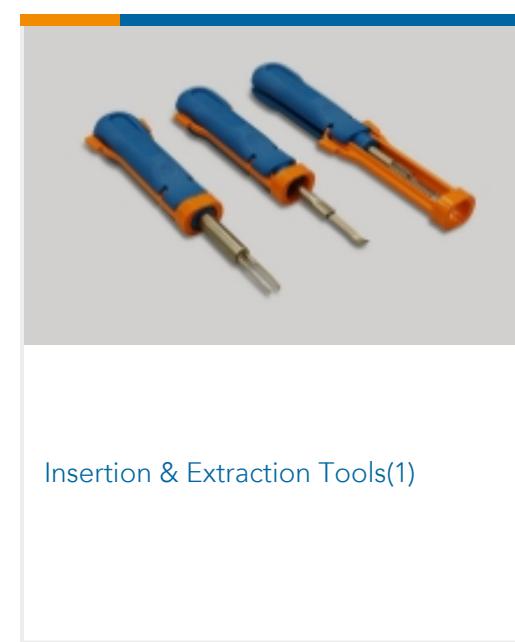
Automotive Connector Caps & Covers (20)



Automotive Housings(33)



Automotive Terminals(12)

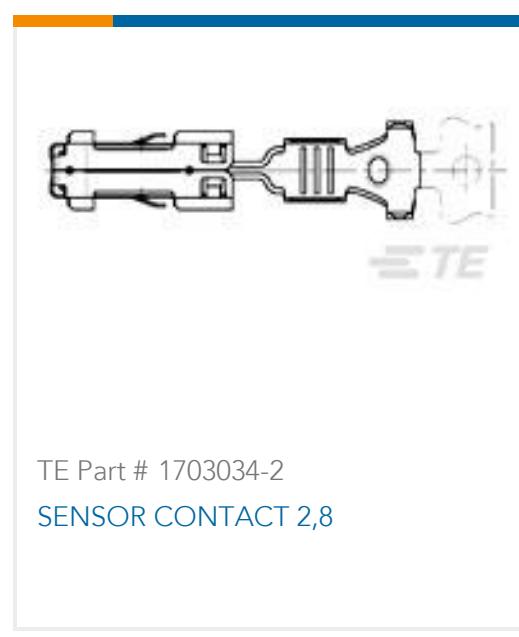
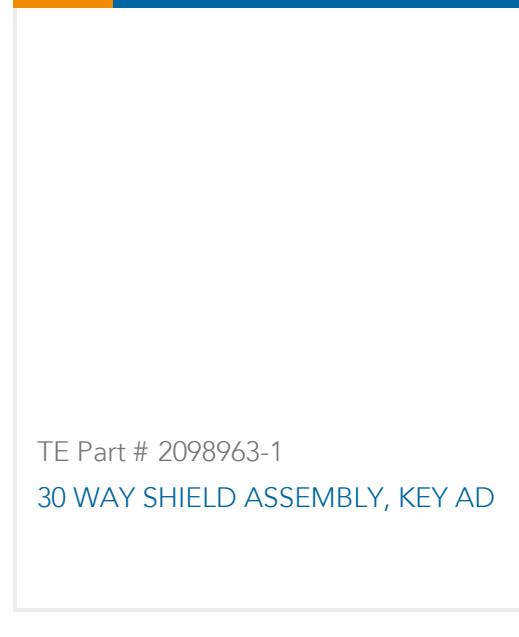


Insertion & Extraction Tools(1)



PCB Headers & Receptacles(5)

Customers Also Bought

TE Part # 1-963735-1
TAB 5.8x0.8 CONTACT CS SRC SnTE Part # 1703034-2
SENSOR CONTACT 2,8TE Part # 4-1488991-1
3POS, MCON 1.2 CB REC 2p TL
SEALEDTE Part # 6-1355118-1
MQS VERRIEGLUNGTE Part # 345808-1
.070" RECEPTACLE ECON.3TE Part # 1-1718888-1
2POS, MCON 1.2 LL REC SEALEDTE Part # 1394044-1
SPEZ RINGZUNGETE Part # 2236047-1
32POS,MIXED,RECEPTACLE
CONNECTOR,COD ATE Part # 2297818-1
SINGLE WIRE SEAL,HPF 1.2,RUBBERTE Part # 2098963-1
30 WAY SHIELD ASSEMBLY, KEY AD

Documents

Product Drawings**ASSY,12P PLUG "A" KEY, W/O CPA**

English

CAD Files**3D PDF**

English

Customer View Model

[ENG_CVM_638394-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_638394-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_638394-1_A.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