

638393-5 ✓ ACTIVE

AMP | AMP 0.64 Connector System

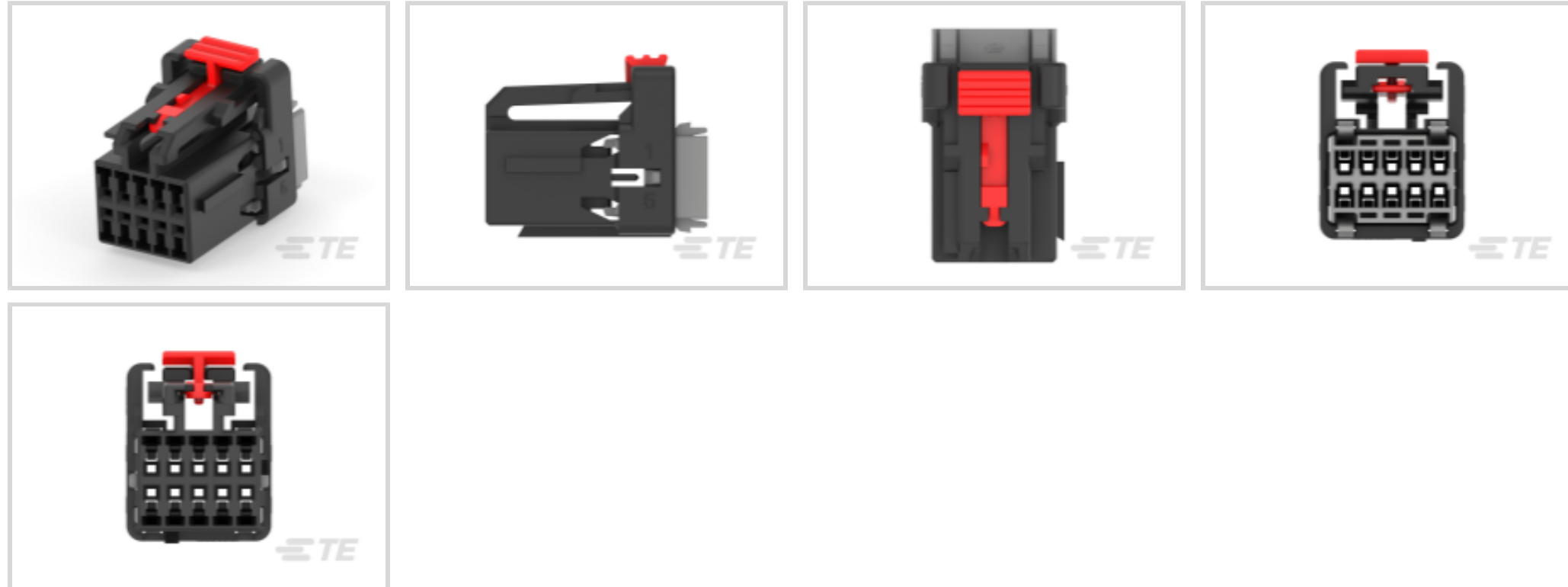
TE Internal #: 638393-5

10 Position Housing, Housing for Female Terminals, Wire-to-Wire, 2.54 mm [.1 in] Centerline, Black, Wire & Cable, AMP 0.64 Connector System

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Automotive Housings



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

Number of Positions: **10**

Sealable: **No**

Operating Temperature Range: **-40 – 100 °C [-40 – 212 °F]**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

Number of Positions	10
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V
------------------------------	------

Body Features

Cable Exit Angle	180°
------------------	------



Primary Product Color	Black
-----------------------	-------

Connector & Keying Code	A
-------------------------	---

Contact Features

Contact Size	.64mm
--------------	-------

Contact Type	Receptacle
--------------	------------

Mating Tab Width	.64 mm[.025 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 GF15
------------------	----------

Centerline (Pitch)	2.54 mm[.1 in]
--------------------	----------------

Dimensions

Product Width	20.3 mm[.799 in]
---------------	------------------

Row-to-Row Spacing	2.54 mm[.1 in]
--------------------	----------------

Product Length	15.5 mm[.61 in]
----------------	-----------------

Connector Height	25 mm[.984 in]
------------------	----------------

Usage Conditions

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

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

Packaging Features

Packaging Method	Package
------------------	---------

Packaging Quantity	25
--------------------	----

Other

Connector Position Assurance Capable	Yes
--------------------------------------	-----

Product Compliance

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



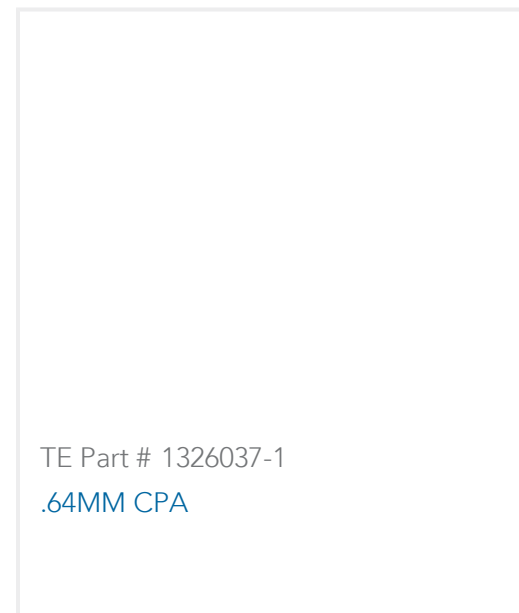
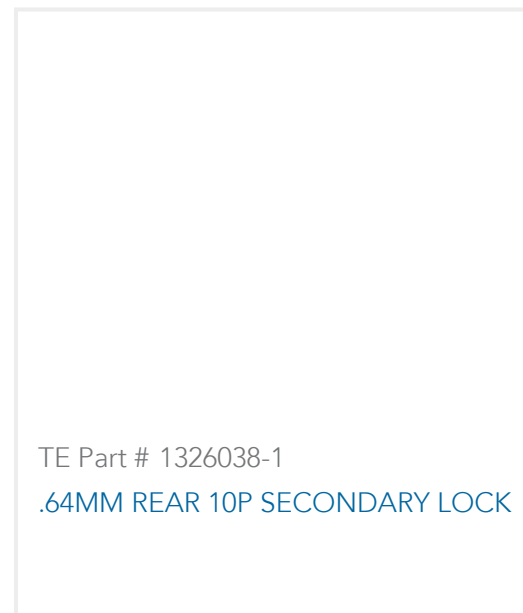
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 reviewed for solder process capability

Product Compliance Disclaimer

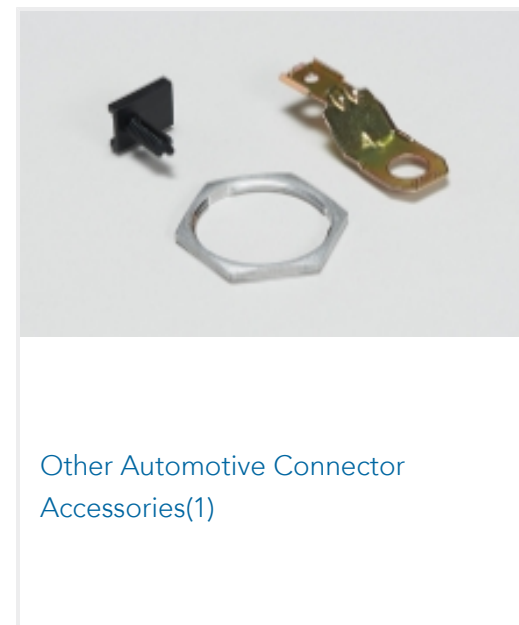
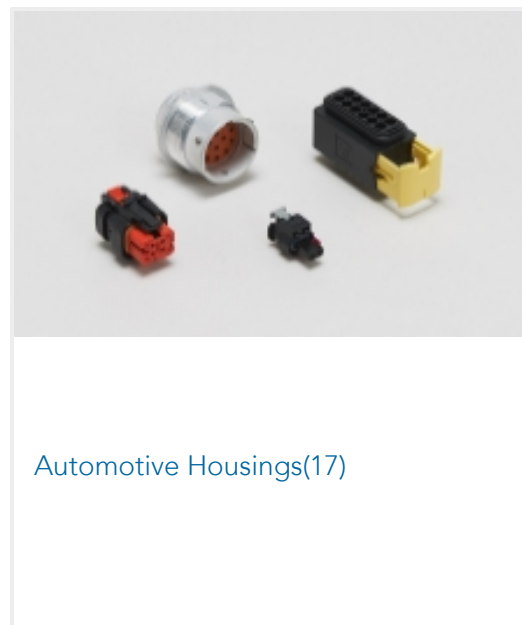
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

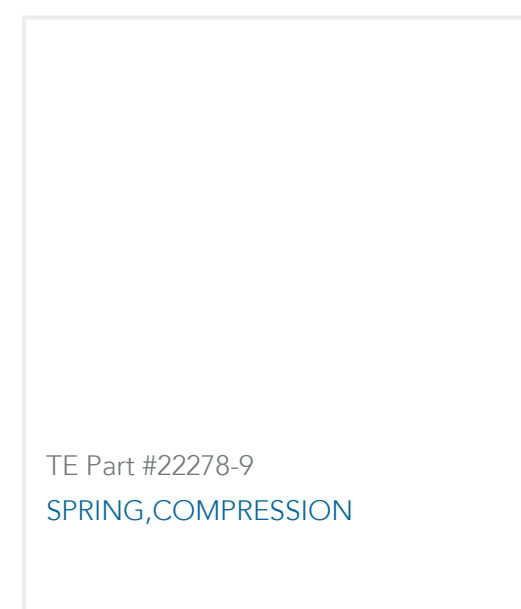
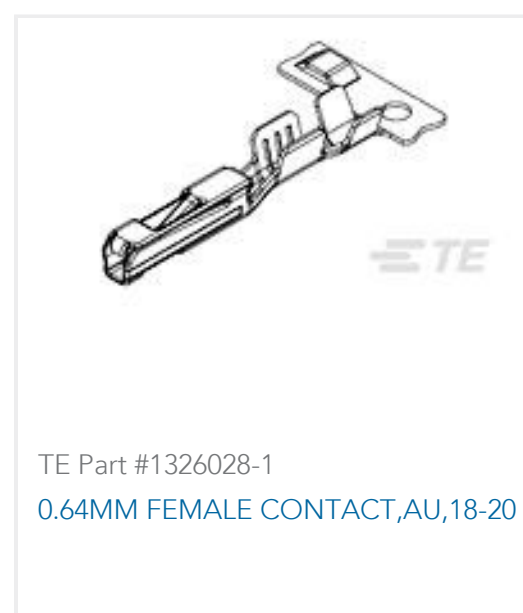
TE Part # 1326028-7 0.64MM FEMALE CONTACT,AU,18-20	TE Part # 1326028-3 0.64MM FEMALE CONTACT,AU,18-20	TE Part # 638551-3 CONTACT,FEMALE,0.64MM,SN,18-20	TE Part # 1326028-2 0.64MM FEMALE CONTACT,AU, 22AWG
TE Part # 1326028-5 .64MM FEM CONT,AU,18-20,FORMED	TE Part # 638551-4 CONTACT,FEMALE,0.64MM,SN,22	TE Part # 1326028-4 0.64MM FEMALE CONTACT,AU, 22AWG	TE Part # 91338-1 0.64 MM CONTACT PRO-CRIMPER

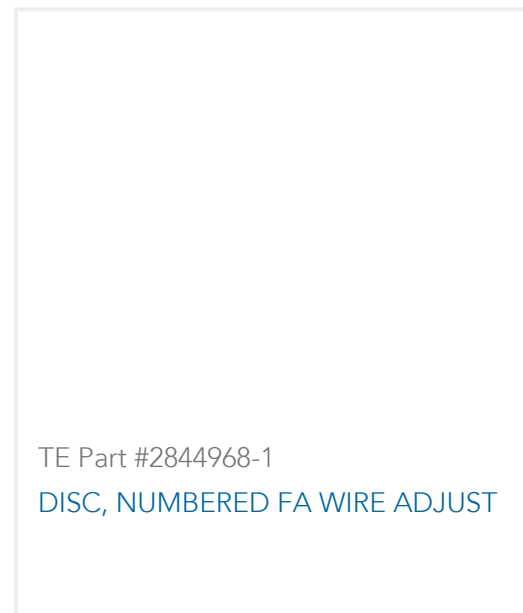
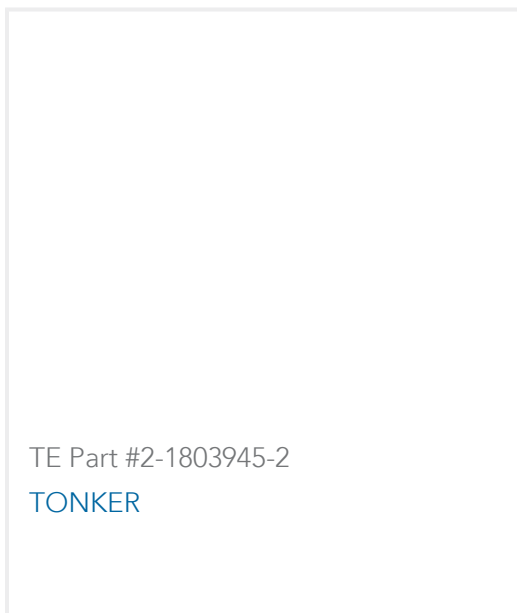


Also in the Series | AMP 0.64 Connector System



Customers Also Bought





Documents

Product Drawings

[10P PLUG ASSY A KEY -W/ CPA](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_638393-5_B.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_638393-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_638393-5_B.3d_stp.zip](#)

English

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

Product Specifications

English

Instruction Sheets

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

English