

638394-4 ✓ ACTIVE

AMP | AMP 0.64 Connector System

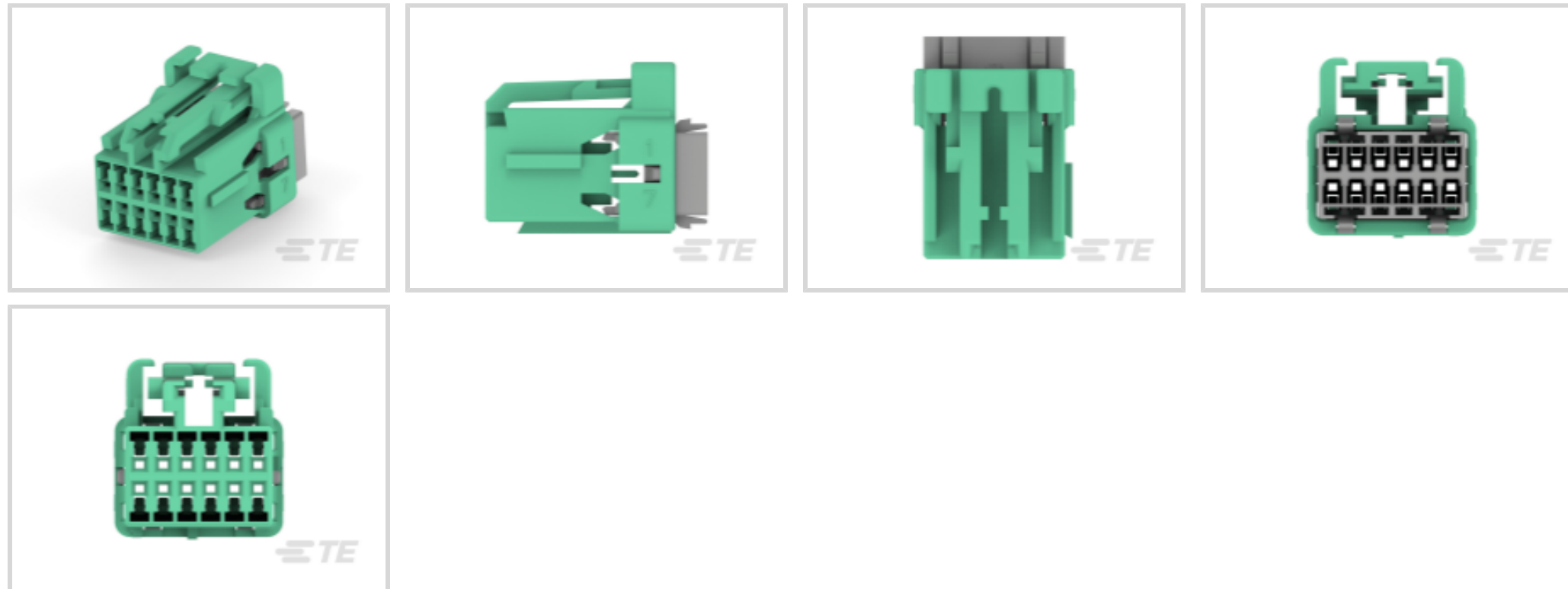
TE Internal #: 638394-4

12 Position Housing, Housing for Female Terminals, Wire-to-Wire, 2.54 mm [.1 in] Centerline, Green, Wire & Cable, Signal, 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: **12**

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	12
Number of Rows	2

Electrical Characteristics

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

Body Features

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



Primary Product Color	Green
-----------------------	-------

Connector & Keying Code	D
-------------------------	---

Contact Features

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

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

Mating Tab Width	.64 mm[.025 in]
------------------	-----------------

Mechanical Attachment

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

Product Width	25.01 mm[.984 in]
---------------	-------------------

Row-to-Row Spacing	1.27 mm[.05 in]
--------------------	-----------------

Product Length	18 mm[.7 in]
----------------	--------------

Connector Height	19 mm[.748 in]
------------------	----------------

Usage Conditions

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

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

Operation/Application

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

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
-----------------------------	-----------

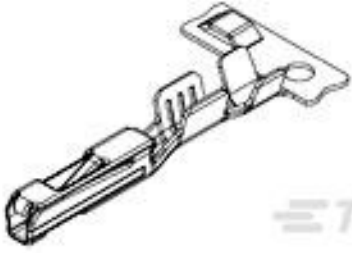



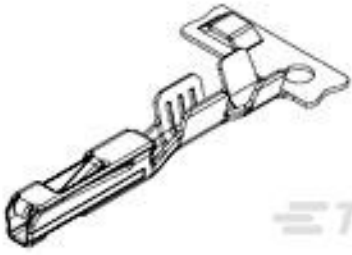

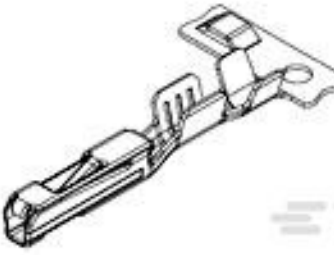
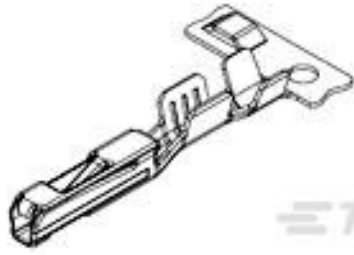


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

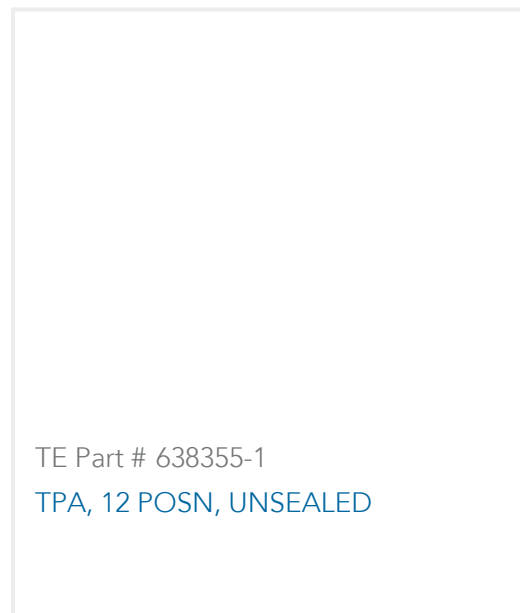
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1326028-4 0.64MM FEMALE CONTACT,AU, 22AWG	 TE Part # 91338-1 0.64 MM CONTACT PRO-CRIMPER	 TE Part # 638551-2 CONTACT,FEMALE,0.64MM,SN,22	 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 # 638355-1
TPA, 12 POSN, UNSEALED



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

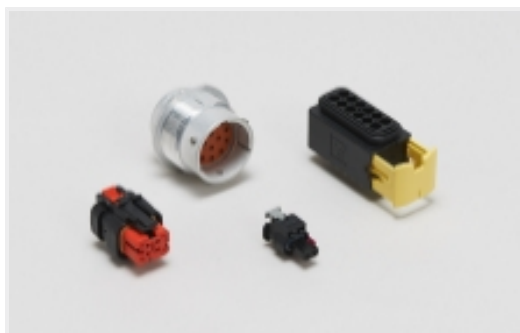


TE Part # 638551-1
CONTACT,FEMALE,0.64MM,SN,18-20



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

Also in the Series | AMP 0.64 Connector System



Automotive Housings(17)

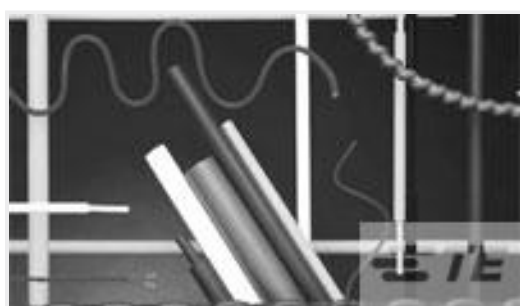


Automotive Signal & Power Connector
Housings(17)



Other Automotive Connector
Accessories(1)

Customers Also Bought



TE Part #6823356005
CGPT-6/2-0-20MM



TE Part #2525596002
RBK-ILS-125-NR1-0-50MM



TE Part #284875-2
20 POS FEMALE CONN ASSY



TE Part #CAT-G3353-CH8172
GET .64 CONNECTOR SYSTEM,
CONNECTOR HSG



TE Part #2141576-2
32POS NANO MQS TL PLUG
HOUSING, CODE B



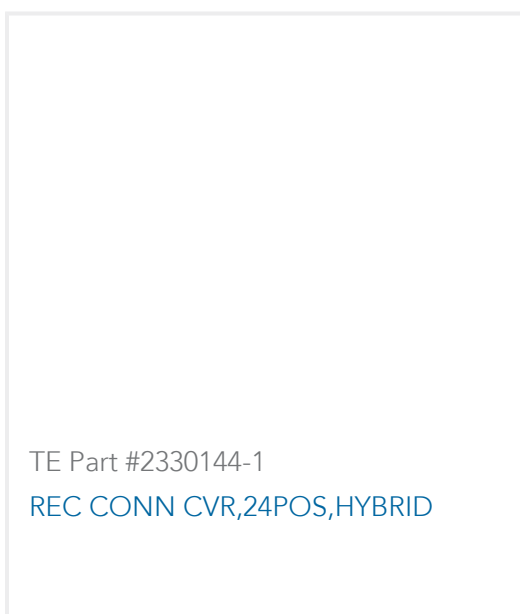
TE Part #2334270-1
80POS,0.64 GENER. Y,TAB HSG ASSY,
SLD



TE Part #493510-1
SPACER TPA SIDE'S



TE Part #2306908-1
24POS,0.64 GENER. Y,REC HSG ASSY,
UNSLD



Documents

Product Drawings

[ASSY,12P PLUG "D" KEY, W/O CPA](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_638394-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_638394-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_638394-4_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