



Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**
Mating Tab Width: **.64 mm [.025 in]**
Mating Tab Thickness: **.64 mm [.025 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **20 – 18 AWG**

Features

Product Type Features

Receptacle Style	180°
Sealable	No

Contact Features

Contact Size	.64mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	7.7 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	.64 mm[.025 in]
Mating Tab Thickness	.64 mm[.025 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	.5 – .75 mm[.055 – .083 in]
Wire Size	.5 – .8 mm²



Wire Size Search	18 AWG, 19 AWG, 20 AWG
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Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	7000
Packaging Method	Package

Other

Terminal Transmits	0 – 24 A (Low Power)
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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	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

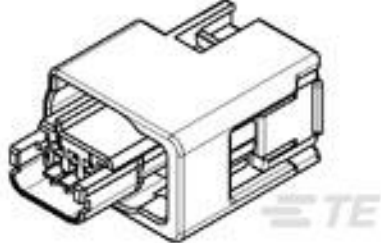
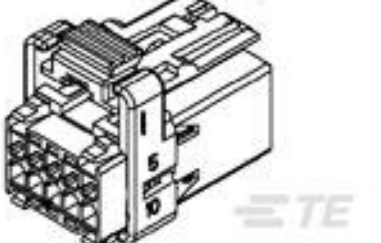
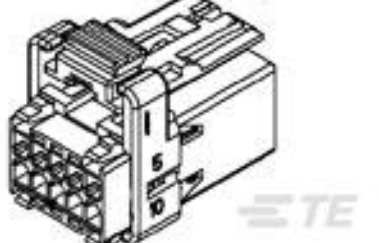
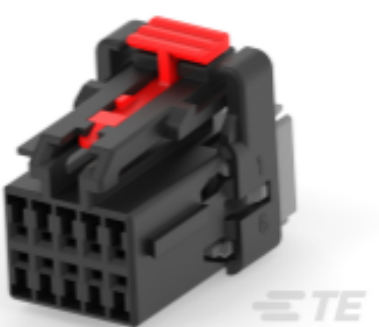
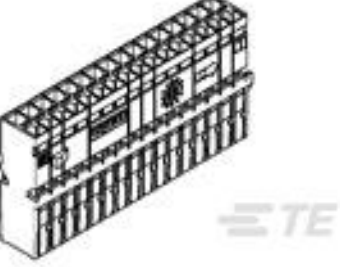
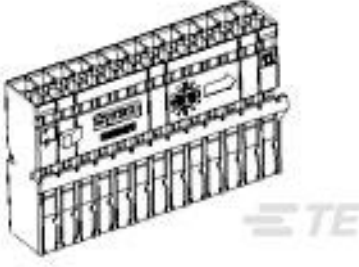
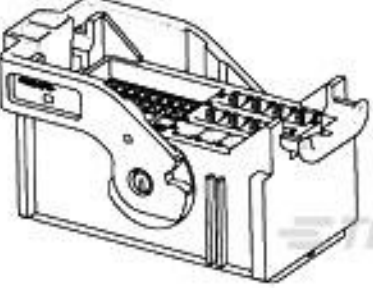
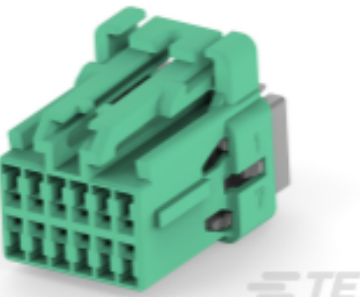
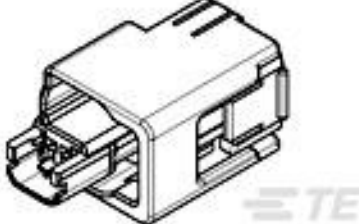
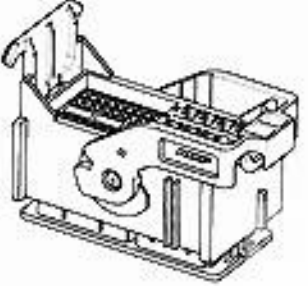
Product Compliance Disclaimer

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 # 1438454-1 0.64MM,3 POSN SEALED PLUG ASSY	 TE Part # 638392-1 .64MM PLUG ASSY,KEY A,W/O CPA	 TE Part # 638393-1 10P PLUG ASSY A KEY W/O CPA	 TE Part # 638393-5 10P PLUG ASSY A KEY -W/ CPA
 TE Part # 1326341-1 46P PLUG ASSY,EBC440,LEFT H, 1SLOT,W/2.8	 TE Part # 2151580-1 OCEAN_2.0_APPLICATOR-S-062F067F-RSM	 TE Part # 1326141-1 32WAY LAC RECEPTACLE CARRIER H	 TE Part # 1326042-1 LAC CARRIER, 26 POS, 0.64MM, A KEY
 TE Part # 1326133-1 RECEPTACLE HOUSING, 18 POSITIO	 TE Part # 776932-1 52 pos plug assy, 0.64 and 2.8	 TE Part # 638394-4 ASSY,12P PLUG "D" KEY, W/O CPA	 TE Part # 1438426-3 0.64MM, 2POSN SEALED PLUG, GRA
 TE Part # 91338-1 0.64 MM CONTACT PRO-CRIMPER	 TE Part # 776932-3 52 pos plug, 0.64 and 2.80mm	 TE Part # 1-1897168-2 0.64MM SLD 6(10)P PLUG ASSY-A BLK	 TE Part # 2151580-2 OCEAN_2.0_APPLICATOR-S-062F067F-RSA



TE Part # 2203937-1
52 pos plug assy, 0.64 and 2.8

TE Part # 2203937-5
52 pos plug assy, 0.64 and 2.8

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 638394-1
ASSY,12P PLUG "A" KEY, W/O CPA

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 #776204-2
MULTILOCK, CONNECTOR HOUSING

TE Part #2236046-8
32POS, MIXED, MALE CONN., CLIP2, COD B

TE Part #2236047-2
32POS,MIXED,RECEPTACLE CONNECTOR,COD B

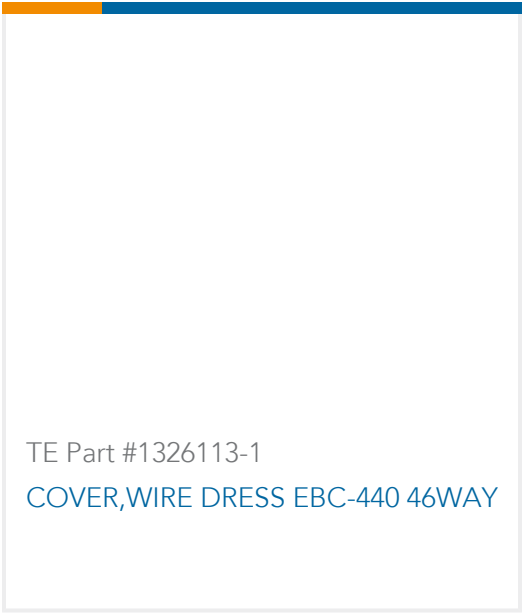
TE Part #2327450-1
5PORT,MATENET,REC HSG,COD A, SUBASSM

TE Part #3-2315660-2
2POS. RING TONGUE HSG,ASSY

TE Part #638394-5
ASSY, 12P PLUG "A" KEY, W/CPA

TE Part #1326110-1
46P PLUG ASSY,EBC440,RIGHT H, 1SLOT,W/2.8

TE Part #2098963-1
30 WAY SHIELD ASSEMBLY, KEY AD



Documents

Product Drawings

CONTACT,FEMALE,0.64MM,SN,18-20

English

CAD Files

Customer View Model

ENG_CVM_638551-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_638551-1_B.3d_stp.zip

English

Customer View Model

ENG_CVM_638551-1_B.2d_dxf.zip

English

3D PDF

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English