



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 |
|------------------|------------------------|

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 |
|------------------------------------|--------|

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 7000    |
| Packaging Method   | Package |

Other

|                    |                      |
|--------------------|----------------------|
| Terminal Transmits | 0 – 24 A (Low Power) |
|--------------------|----------------------|

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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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                                                                                    |

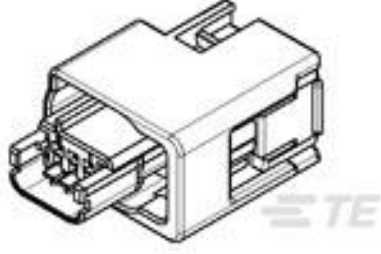
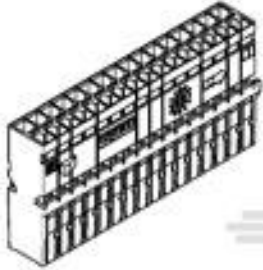
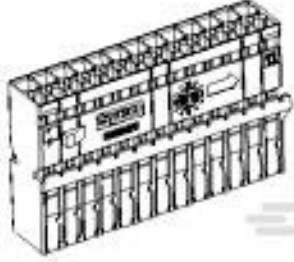
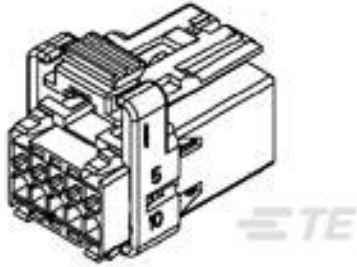
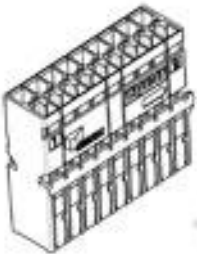
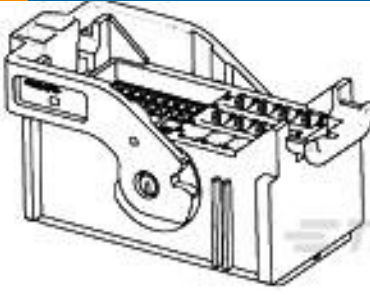
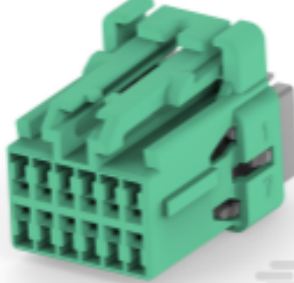
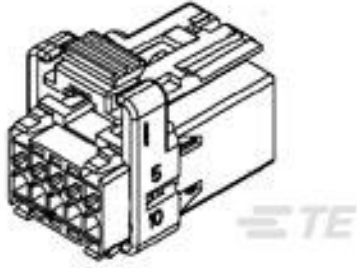
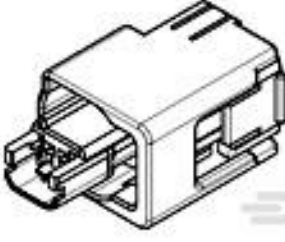
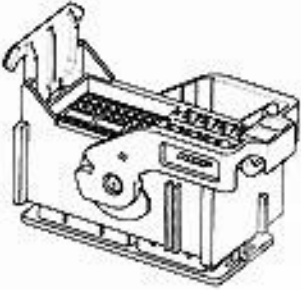
Product Compliance Disclaimer

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

|                                                                                                                                                 |                                                                                                                                                   |                                                                                                                                                     |                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1438454-1<br/>0.64MM,3 POSN SEALED PLUG ASSY</p> |  <p>TE Part # 9-1355512-3<br/>47 WAY ABS CONNECTOR</p>           |  <p>TE Part # 1326141-1<br/>32WAY LAC RECEPTACLE CARRIER H</p>   |  <p>TE Part # 1326042-1<br/>LAC CARRIER, 26 POS, 0.64MM, A KEY</p> |
|  <p>TE Part # 638392-1<br/>.64MM PLUG ASSY,KEY A,W/O CPA</p> |  <p>TE Part # 1326133-1<br/>RECEPTACLE HOUSING, 18 POSITIO</p> |  <p>TE Part # 776932-1<br/>52 pos plug assy, 0.64 and 2.8</p>  |  <p>TE Part # 638394-4<br/>ASSY,12P PLUG "D" KEY, W/O CPA</p>    |
|  <p>TE Part # 638393-1<br/>10P PLUG ASSY A KEY W/O CPA</p>   |  <p>TE Part # 638393-5<br/>10P PLUG ASSY A KEY -W/ CPA</p>     |  <p>TE Part # 1438426-3<br/>0.64MM, 2POSN SEALED PLUG, GRA</p> |  <p>TE Part # 91338-1<br/>0.64 MM CONTACT PRO-CRIMPER</p>        |
|  <p>TE Part # 776932-3<br/>52 pos plug, 0.64 and 2.80mm</p>  |  <p>TE Part # 1355512-2<br/>ABS CONNECTOR ASSY 47P</p>         |  <p>TE Part # 2203937-1<br/>52 pos plug assy, 0.64 and 2.8</p> |  <p>TE Part # 2203937-5<br/>52 pos plug assy, 0.64 and 2.8</p>   |





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

TE Part # 91338-2  
PRO CRIMPER DIE, .64MM

TE Part # 1438426-1  
0.64MM, 2POSN SEALED PLUG, BLA

TE Part # 1326042-2  
LAC CARRIER, 26 POS, 0.64MM, B KEY

Also in the Series | AMP 0.64 Connector System

Automotive Connector Caps & Covers  
(20)

Automotive Housings(35)

Automotive Terminals(15)

Insertion & Extraction Tools(1)

Other Automotive Connector  
Accessories(2)

PCB Headers & Receptacles(43)

Customers Also Bought

TE Part #1745000-3  
8POS MQS REC

TE Part #1-1546306-8  
18P.374" DR BARRIER STRIP

TE Part #1326032-5  
2.8MM RECP,SEAL,14AWG

TE Part #2-1393366-2  
GET-SOCKET TERMINAL, SILVER VE

TE Part #5-968971-1  
AMP MCP 2.8 HSG 9 POS. 2.LOCKING

TE Part #1326941-1  
1 X 6 WIRE DRESS COVER

TE Part #776932-4  
52 pos plug, 0.64 and 2.80mm

TE Part #2098627-2  
22P UNSEALED HYBRID PLUG ASSEM



Documents

Product Drawings

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

English

CAD Files

Customer View Model

ENG\_CVM\_638551-3\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_638551-3\_B.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_638551-3\_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