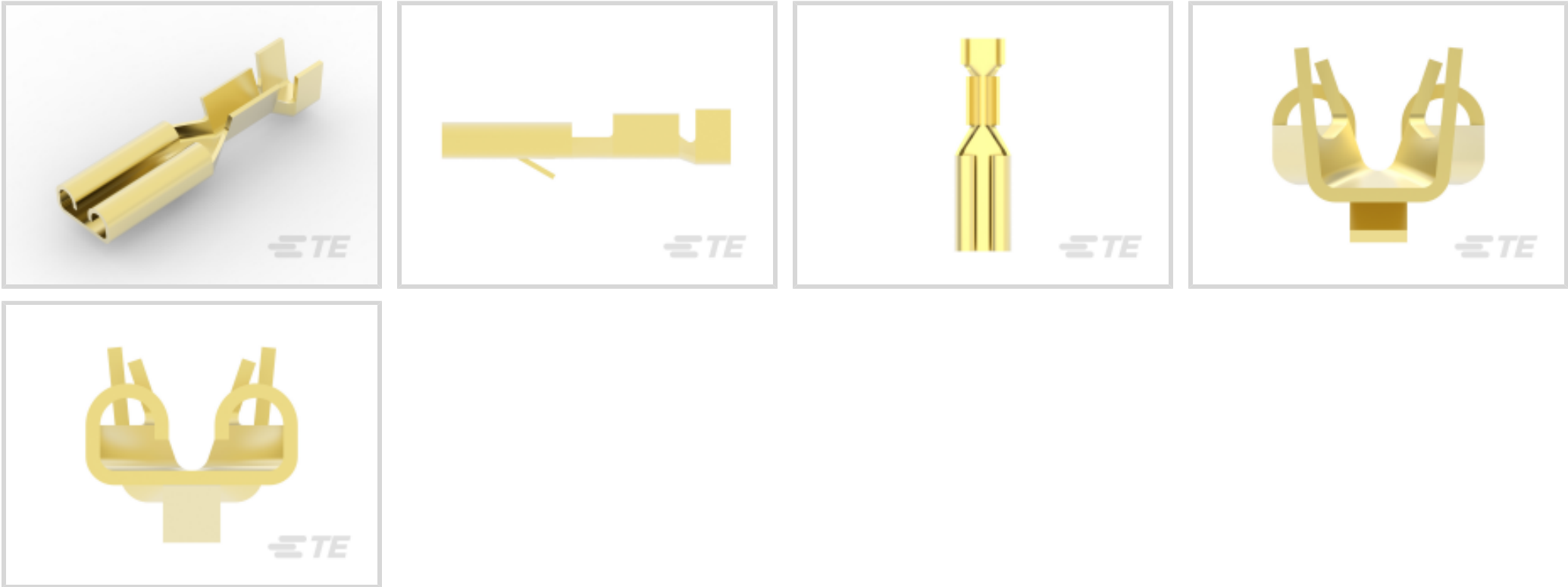


TE Internal #: 160366-2  
Receptacle, 22 – 20 AWG Wire Size, .32 – .51 mm<sup>2</sup> Wire Size,  
Mating Tab Width 2.8 mm [.11 in], Straight, Brass, FASTIN-FASTON  
110, Quick Disconnects

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.32 – .51 mm<sup>2</sup>**

Mating Tab Width: **2.8 mm [.11 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Features

Product Type Features

|                 |        |
|-----------------|--------|
| Insertion Force | Normal |
|-----------------|--------|

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Connection Capacity               | Single        |
| Compatible With Wire & Cable Type | Discrete Wire |

Contact Features

|                                |                |
|--------------------------------|----------------|
| Quick Disconnect Terminal Type | Receptacle     |
| Mating Tab Width               | 2.8 mm[.11 in] |
| Mating Tab Thickness           | .51 mm[.02 in] |
| Terminal Orientation           | Straight       |
| Contact Base Material          | Brass          |
| Terminal Plating Material      | Tin            |
| Crimp Type                     | F-Crimp        |
| Barrel Type                    | Open           |

Termination Features

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



|                       |              |
|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

Mechanical Attachment

|                         |               |
|-------------------------|---------------|
| Wire Insulation Support | With          |
| Mating Retention Type   | Locking Lance |

Dimensions

|                                      |                            |
|--------------------------------------|----------------------------|
| Terminal Material Thickness          | .25 mm[.01 in]             |
| Product Length                       | 14 mm[.551 in]             |
| Compatible Insulation Diameter Range | 1.3 – 2 mm[.051 – .078 in] |
| Wire Size                            | .32 – .51 mm²              |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 10000      |
| Packaging Method   | Strip/Reel |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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

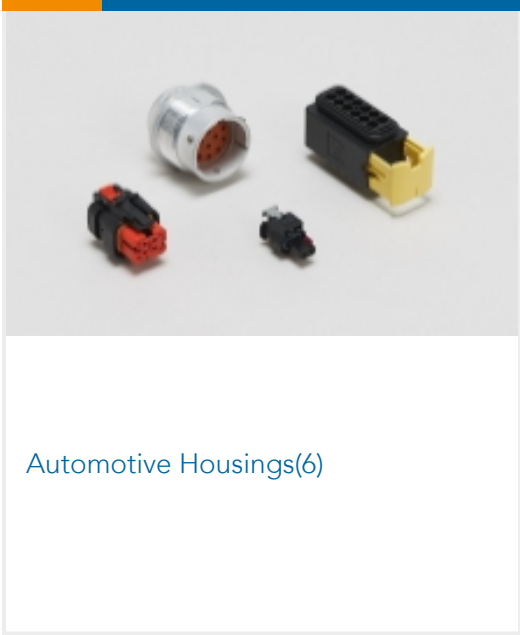
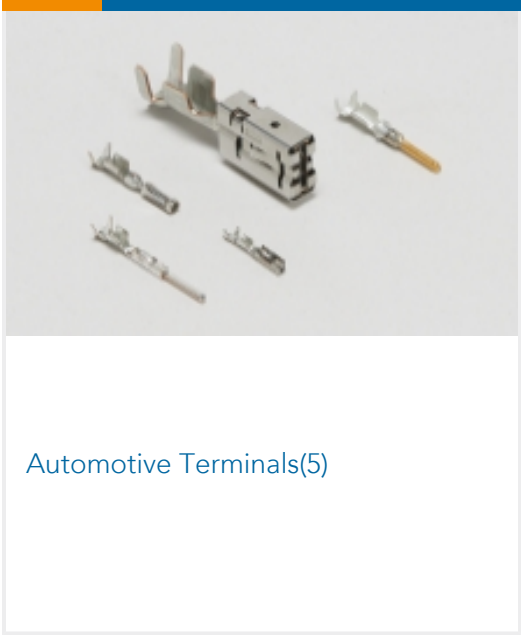
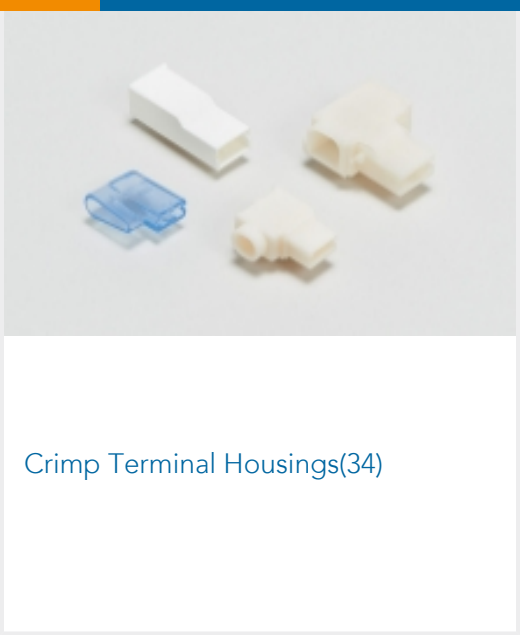
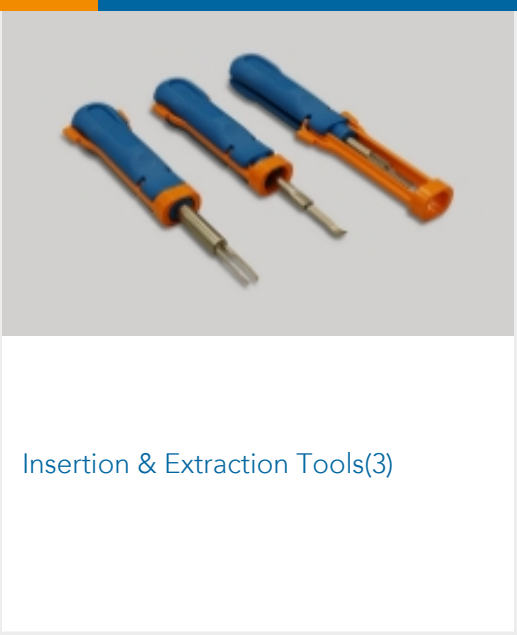
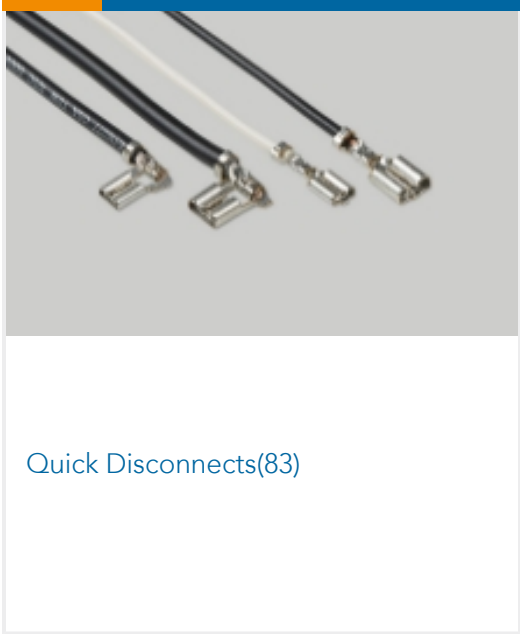


numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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 # 1-1579007-4<br/>EXTRACTION TOOL</p>              |  <p>TE Part # 4-1579007-3<br/>EXTRACTION TOOL KIT</p>   |  <p>TE Part # 2150182-1<br/>OCEAN_2.0_Applicator-E-055F090F-REM</p>  |  <p>TE Part # 2150182-2<br/>OCEAN_2.0_Applicator-E-055F090F-REA</p> |
|  <p>TE Part # 574868<br/>DAHT TAPER PIN FASTON 24-22 ASSY</p> |  <p>TE Part # 63580-1<br/>FF 125 REC 22-18AWG TPBR</p> |  <p>TE Part # 7-2150182-7<br/>OCEAN_2.0_SPARE_PART_KIT-055F090F</p> |  <p>TE Part # 734520-1<br/>.110 FAST.HANDTOOL</p>                  |

Also in the Series | FASTIN-FASTON 110

|                                                                                                                   |                                                                                                                     |                                                                                                                          |                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  <p>Automotive Housings(6)</p> |  <p>Automotive Terminals(5)</p> |  <p>Crimp Terminal Housings(34)</p> |  <p>Insertion &amp; Extraction Tools(3)</p> |
|  <p>Quick Disconnects(83)</p>  |                                                                                                                     |                                                                                                                          |                                                                                                                                  |

Customers Also Bought



TE Part #170014-6  
FF 110 TAB 20-16AWG PTBR

TE Part #1969443-3  
EP 2.5 TPA Retainer, 3 Pos

TE Part #1986242-2  
Power Connector, 15.0mm, Green, 2 posn

TE Part #35625  
TERMINAL, SOLIS R 90DEG 4 1/4

TE Part #2-2287720-1  
PICO MQS, TERMINAL

TE Part #5-103944-1  
8X2 MTE SHRD PIN SR POL .100CL

TE Part #1-1633730-6  
CRIMPER, WIRE F .033 F

TE Part #1SNA234002R2000  
RC810 1->10 (X10) HORIZONTAL

TE Part #2836812-1  
OCEAN\_2.0\_Applicator-S-033F042O-RSM

Documents

Product Drawings

FF 110 SR. REC 22-20AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_160366-2\_AS\_c-160366-2-as.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_160366-2\_AS\_c-160366-2-as.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_160366-2\_AS\_c-160366-2-as.3d\_stp.zip

English

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