

175178-1 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 250](#)

TE Internal #: 175178-1

Quick Disconnects, Receptacle, 12 – 10 AWG Wire Size, 3.31 – 5.26 mm<sup>2</sup> Wire Size, Mating Tab Width 6.35 mm [.25 in], Flag, Brass, Positive Lock 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **3.31 – 5.26 mm<sup>2</sup>**

Mating Tab Width: **6.35 mm [.25 in]**

Mating Tab Thickness: **.81 mm [.032 in]**

## Features

### Product Type Features

Insertion Force	Low
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### Configuration Features

Connection Capacity	Single
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Compatible With Wire & Cable Type	Discrete Wire
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### Contact Features

Quick Disconnect Terminal Type	Receptacle
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Mating Tab Width	6.35 mm [.25 in]
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Mating Tab Thickness	.81 mm [.032 in]
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Terminal Orientation	Flag
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Contact Base Material	Brass
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Terminal Plating Material	Pre-Tin
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Crimp Type	Tab-Lok
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Barrel Type	Open
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### Termination Features



Product Terminates To	Wire & Cable
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### Mechanical Attachment

Extraction Force	7 – 100 Newton
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Wire Insulation Support	With
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### Dimensions

Terminal Material Thickness	.41 mm[.016 in]
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Product Length	20.8 mm[.82 in]
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Compatible Insulation Diameter Range	2.8 – 4.9 mm[.11 – .193 in]
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Wire Size	3.31 – 5.26 mm <sup>2</sup>
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### Usage Conditions

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

Agency/Standard	UL
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### Packaging Features

Packaging Quantity	2000
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Packaging Method	Strip/Reel
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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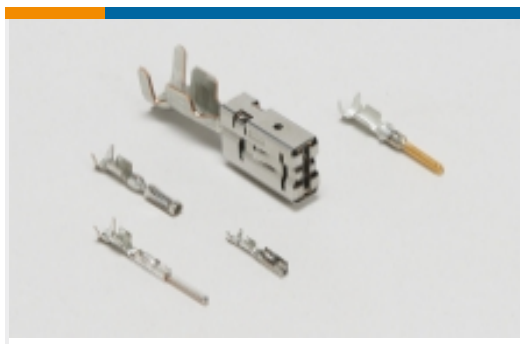
Product Compliance Disclaimer

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>

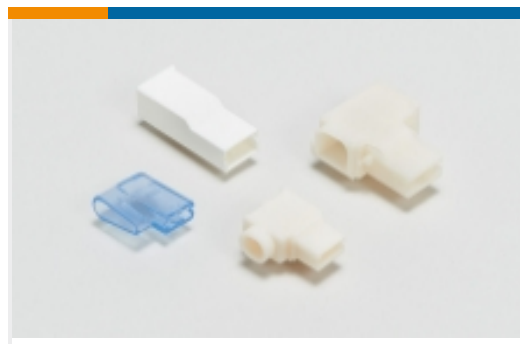
## Compatible Parts



Also in the Series | **Positive Lock 250**



Automotive Terminals(1)



Crimp Terminal Housings(193)



Insertion & Extraction Tools(3)

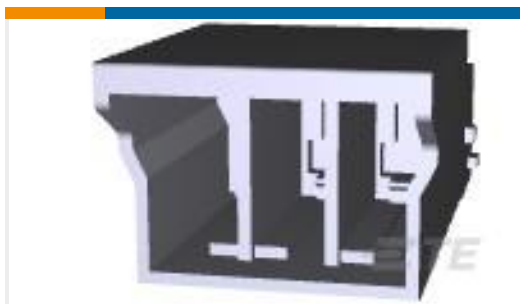


Insulation Boots & Sleeves(4)

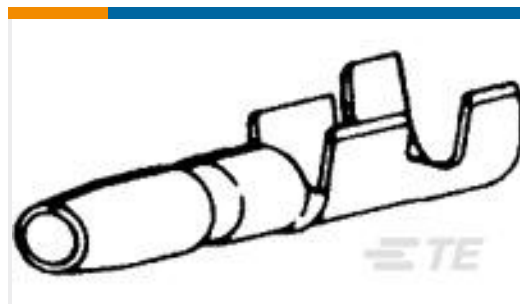


Quick Disconnects(186)

## Customers Also Bought



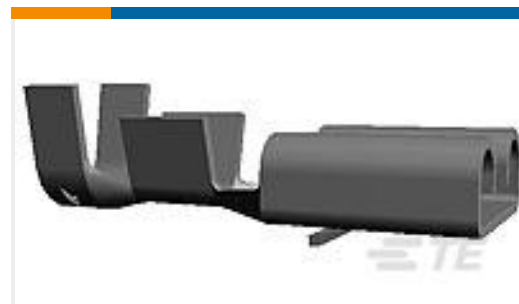
TE Part #1565086-1  
GRACE INERTIA CONNECTOR 3.5 3P



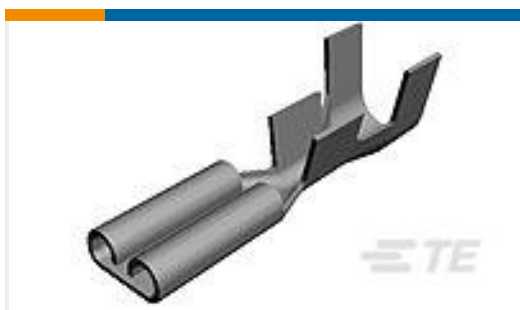
TE Part #61388-1  
SHUR PLUG 156 20-16 AWG PTPBR



TE Part #42946-2  
RING 12-8 AWG TPBR



TE Part #1217281-2  
FF 110 REC 24-20AWG TPBR



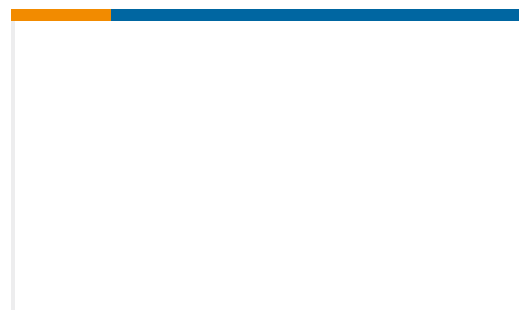
TE Part #60577-1  
110 FASTON REC 22-18 AWG TPBR



TE Part #1393114-2  
KUEP-3D15-48=KU



TE Part #1-1393114-2  
KUEP-7D15-48=KU



TE Part #1443747-2  
CABLE ASM MOD PLUG, SHIELDED



TE Part #2174308-1  
POSITIVE LOCK EX .250 (6.3 MM)

## Documents



## Product Drawings

### PL EX 250 REC TERMINAL-FLAG 12-10 PTPB

Japanese

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_175178-1\\_L\\_c-175178-1-l.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_175178-1\\_L\\_c-175178-1-l.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_175178-1\\_L\\_c-175178-1-l.3d\\_stp.zip](#)

English

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

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## Product Specifications

### Application Specification

English

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## Product Environmental Compliance

### Product Compliance Document

English

### Product Compliance Document

English

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## Instruction Sheets

### Instruction Sheet (non U.S.)

English

### POSITIVE LOCK EX CONTACT

English