

41829-1 ✓ ACTIVE

FASTON | FASTON 250

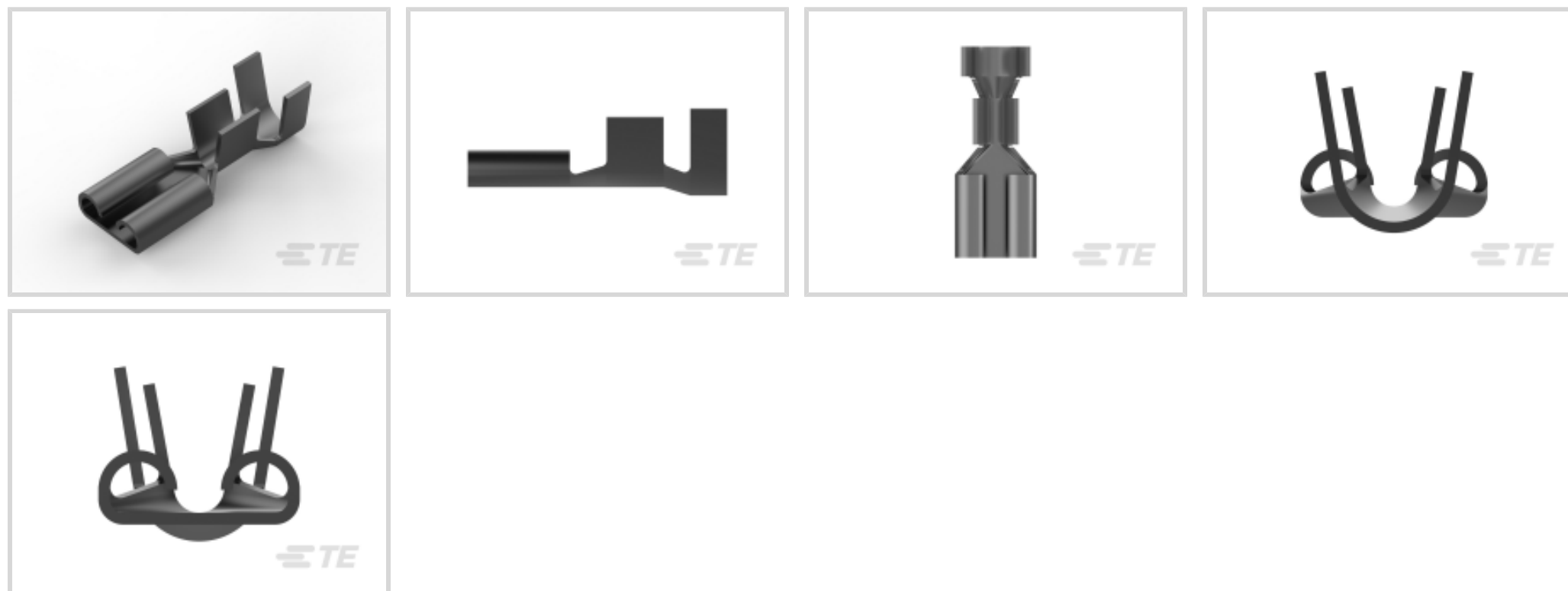
TE Internal #: 41829-1

Quick Disconnect Receptacle, 14 – 12 AWG, 2.1 – 3.31 mm<sup>2</sup> Wire,  
6.35 mm [.25 in] Tab Width, Straight, Brass, Tin Plating, FASTON 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **2.1 – 3.31 mm<sup>2</sup>**

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

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

## Features

### Industry Standards

Compatible With Agency/Standards Products

UL, CSA

### Termination Features

Product Terminates To

Wire & Cable

### Configuration Features

Compatible With Wire & Cable Type

Discrete Wire

Connection Capacity

Single

### Mechanical Attachment

Wire Insulation Support

With

Mating Retention Type

Dimple

### Other

Line

Premier

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

### Packaging Features

Packaging Quantity

500

Packaging Method	Loose Piece/Carton
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### Dimensions

Product Length	20.7 mm[.815 in]
Compatible Insulation Diameter Range	4.06 mm[.16 in]
Terminal Material Thickness	.46 mm[.018 in]
Wire Size	2.1 – 3.31 mm <sup>2</sup>

### Product Type Features

Insertion Force	Normal
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### Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

### Usage Conditions

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

### 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) Candidate List Declared Against: JUNE 2024 (241) 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 # 61873-1  
250 FASTON REC 18-14 AWG TPBR



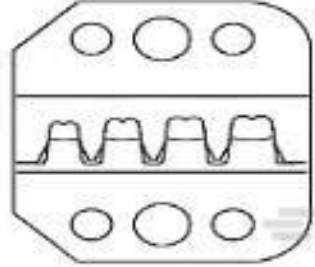
TE Part # 8-61765-1  
FASTON, ADAPTER 250 HOUSING REC&TAB TPBR



TE Part # 58525-1  
PROCRIMPER TOOL & DIE



TE Part # 61810-2  
FASTON .250 (6.3 MM) RECEPTACLE TPBR

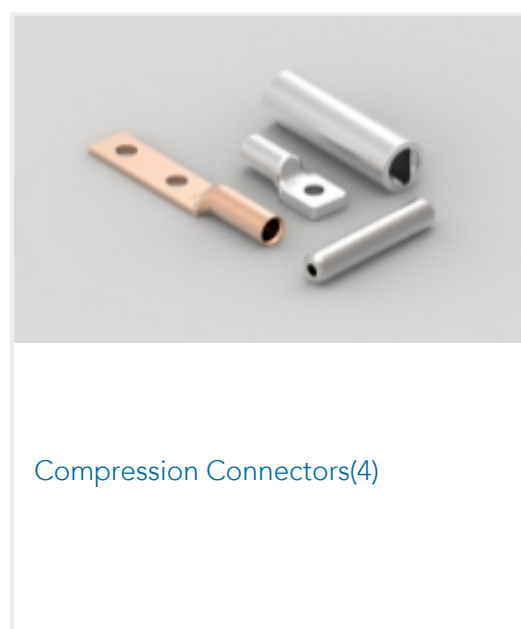


TE Part # 58525-2  
PROCRIMPER DIE

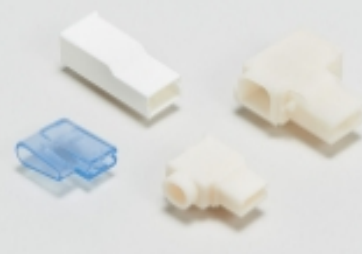


TE Part # 90120  
DAHT 250 FASTON REC 14-10 ASSY

### Also in the Series | FASTON 250



Compression Connectors(4)



Crimp Terminal Housings(118)



Insulation Boots & Sleeves(16)



Magnet Wire Terminals(1)



PCB Terminals(133)



Quick Disconnects(425)



Splices(4)

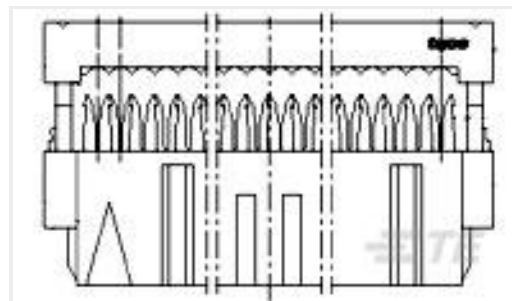
## Customers Also Bought



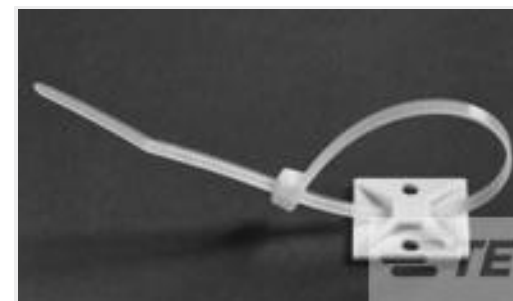
TE Part #1-1337431-0  
BNC Str Plg Hex 75Ohm Nickel Pltd  
RG179B



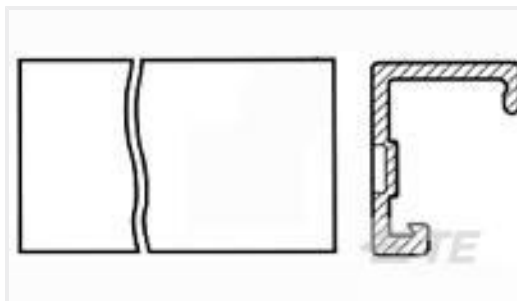
TE Part #4-1423675-0  
W57-XB1A4A10-20=CKTBKR,THERM,P



TE Part #1-215882-4  
14 WAY GREY MK II RECP



TE Part #608803-1  
CABLE TIE MOUNT, 4-WAY,1-1/8"



TE Part #640551-4  
04P MTA156 COVER



TE Part #CN21  
CAP NUT, CONDUIT ADAPTER, NW22



TE Part #1-1337552-0  
FME Str Jk Hex Nickel Pltd RG58C/U,  
141A



TE Part #130550  
SOLIS 8 R M6



TE Part #4-539785-8  
KLAPOSITIONIERER



TE Part #1-100103-4  
14P.A/L.STRAIN REL.

## Documents

### Product Drawings

[250 FASTON REC 14-12 AWG TPBR](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_41829-1\\_AN.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_41829-1\\_AN.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_41829-1\\_AN.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

[Wire Preparation And Crimp Inspection Guide](#)

English

[Product Specification](#)

English

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### Agency Approvals

[UL Report](#)

English