

41729-2 ✓ ACTIVE

FASTON | FASTON 250

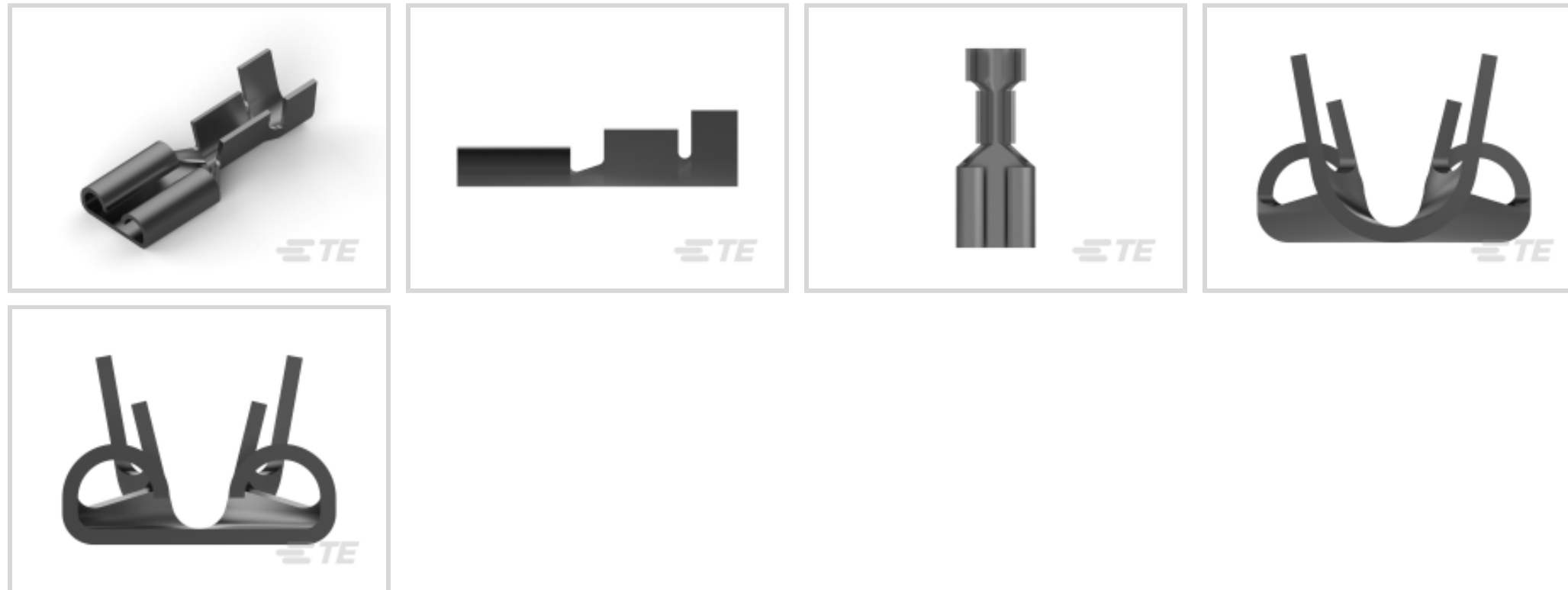
TE Internal #: 41729-2

Quick Disconnects, Receptacle, 18 – 16 AWG Wire Size, .82 – 1.31 mm<sup>2</sup> Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, FASTON 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .82 – 1.31 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	Normal
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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	Straight
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Contact Base Material	Brass
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Terminal Plating Material	Tin
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Crimp Type	F-Crimp
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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	13 Newton
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Wire Insulation Support	With
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Mating Retention Type	Dimple
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### Dimensions

Terminal Material Thickness	.43 mm[.017 in]
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Product Length	20.45 mm[.805 in]
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Compatible Insulation Diameter Range	3.05 – 3.7 mm[.12 – .146 in]
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Wire Size	.82 – 1.31 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	500
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Packaging Method	Loose Piece/Carton
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### Other

Line	Premier
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Terminals & Splices Comment	Barrels Pre-crimped, Foreign Production
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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
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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 # 61765-1  
FASTON ADAPTER .250 RECEPTACLE BR



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



REPRESENTATION ONLY

TE Part # 90165-1  
DAHT 250 FASTON REC 18-14 ASSY



TE Part # 42025-4  
250 FASTON REC 18-16 AWG TPBR



TE Part # 5-160563-2  
250 FASTON REC 18-16 AWG TPBR



TE Part # 2150003-2  
OCEAN\_2.0 APPLICATOR-E-120F180F



TE Part # 2217483-2  
KIT, BTLI, DOUBLE ACTION HEAD



TE Part # 2217483-1  
KIT, BTLI, DOUBLE ACTION HEAD



REPRESENTATION ONLY

TE Part # 575046-1  
DAHT 250 FASTON 22-14 ASSY



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



TE Part # 61873-1  
250 FASTON REC 18-14 AWG TPBR

Also in the Series | **FASTON 250**



Compression Connectors(4)



Crimp Terminal Housings(142)



Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(135)



Quick Disconnects(445)

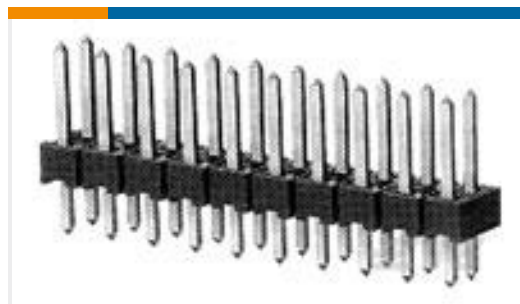


Splices(4)

## Customers Also Bought



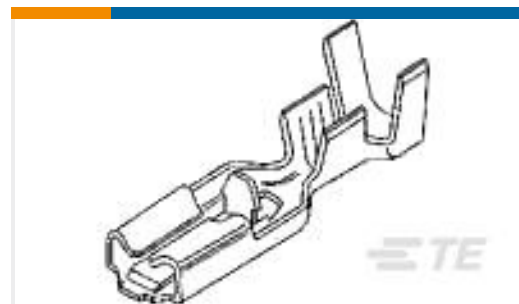
TE Part #5-103817-2  
12 MODII HDR 3RST UNSHRD .100



TE Part #5-146256-3  
06 MODII HDR DRST B/A .100CL L



TE Part #87224-5  
05 MODII HDR SRST UNSHRD .100



TE Part #63784-1  
RCPT POS/LK 187 0126PTPBR



TE Part #ADP-SMAF-NM  
SMA Jack to N Type Plug



TE Part #ADP-SMAF-SMAF-F-G  
SMA Jack to SMA Jack Flange



TE Part #CONMCX012-R178  
MCX Plug 50 Ohm Cable Crimp



TE Part #CONMMCX012-R178  
MMCX Jack 50 Ohm Cable Crimp



TE Part #CONSMA024-G-T  
SMA Jack 50 Ohm PCB Edge Mount

## Documents



### Product Drawings

#### 250 FASTON REC 18-16 AWG TPBR

English

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### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_41729-2\\_AK.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_41729-2\\_AK.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_41729-2\\_AK.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

#### Engineering Report

English

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### Product Environmental Compliance

[MD\\_41729-2\\_04302013614\\_dmtec](#)

English

[MD\\_41729-2\\_04302013614\\_dmtec](#)

English

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### Instruction Sheets

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

English

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### Agency Approvals

#### Agency Approval Document

English