

5-160432-3 ✓ ACTIVE

FASTON | FASTON 250

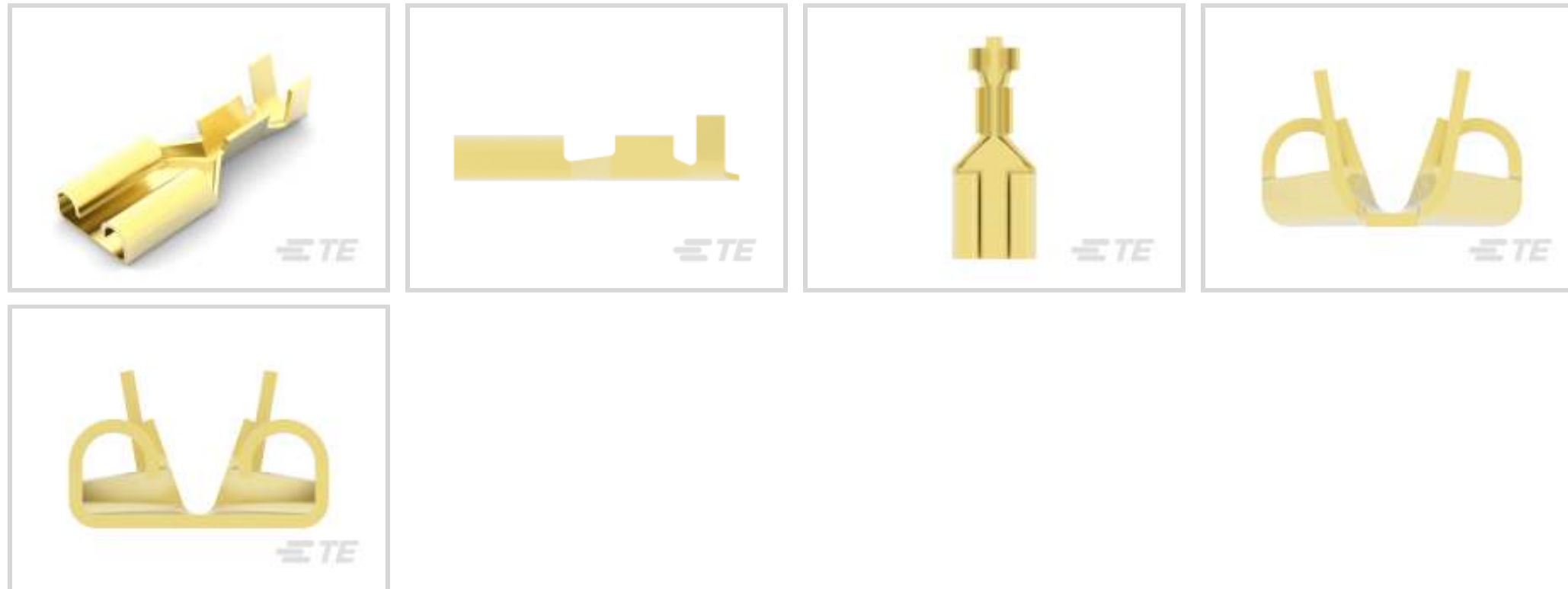
TE Internal #: 5-160432-3

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.65 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: .51 – 1.65 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
Compatible With Wire & Cable Type	Discrete Wire

### 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	Unplated
Crimp Type	F-Crimp
Barrel Type	Open

### Termination Features

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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Extraction Force	80 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	.41 mm[.016 in]
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Product Length	19 mm[.748 in]
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Compatible Insulation Diameter Range	2.3 – 3.3 mm[.09 – .13 in]
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Wire Size	.51 – 1.65 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	CSA, UL
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### Packaging Features

Packaging Quantity	12000
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Packaging Method	Strip/Reel
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### Other

Line	Premier
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Terminals & Splices Comment	Reeled with interleaving paper strip.
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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 # 180388-2  
250 FASTON,REC.,20-16 AWG,TPBR



TE Part # 63648-1  
250 FASTON FLAG REC 20-14 AWG BR



TE Part # 190735-7  
250 FASTON,FLAG,REC.,20-16 AWG, PTBR



TE Part # 2-2150082-1  
OCEAN\_2.0\_APPLICATIONER-E-090F130F



TE Part # 2-2150082-2  
OCEAN\_2.0\_APPLICATIONER-E-090F130FA



TE Part # 2150082-1  
OCEAN\_2.0\_APPLICATIONER-E-090F130F



TE Part # 2150082-2  
OCEAN\_2.0\_APPLICATIONER-E-090F130FA



TE Part # 7-2150082-1  
OCEAN\_2.0\_APPLICATIONER-E-090F130F



TE Part # 7-2150082-2  
OCEAN\_2.0\_APPLICATIONER-E-090F130FA

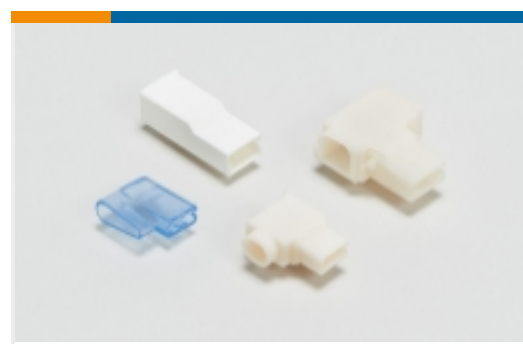


**KIT**  
REPRESENTATION ONLY  
TE Part # 7-2150082-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F130F

Also in the Series | **FASTON 250**



Compression Connectors(4)



Crimp Terminal Housings(142)



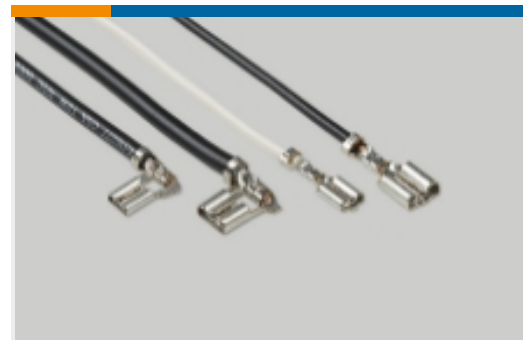
Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(135)



Quick Disconnects(445)



Splices(4)

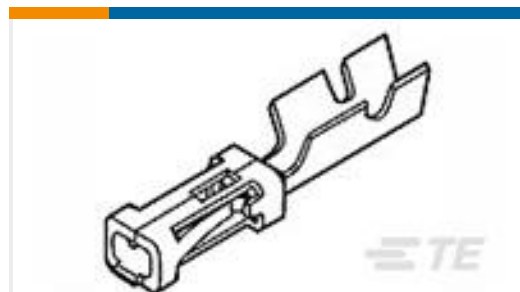
## Customers Also Bought



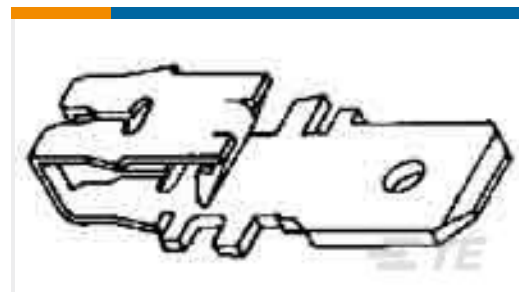
TE Part #3-641522-4  
04P MTA156 POST CON ASSY ORNG



TE Part #336369-1  
250 FASTON HSG.,REC.,1 POS,  
NATURAL



TE Part #166309-2  
MOD-5 REC.CONTACT



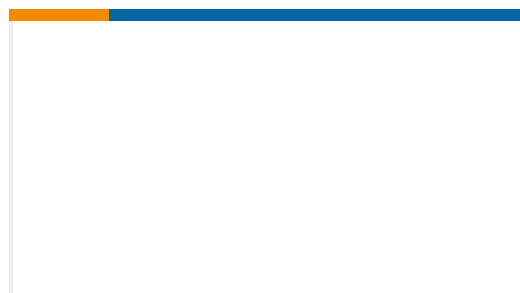
TE Part #63664-2  
MAG-MATE 27-23 187 FTAB TPBR



TE Part #316292-2  
3.2 CLUSTER REC L-TYPE



TE Part #7-2266103-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-  
090F0800



TE Part #1424633-1  
BLOCK,MAIN

## Documents

### Product Drawings

250 FASTON REC 20-16 AWG BR

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-160432-3\_AY\_c-5-160432-3-ay.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5-160432-3\\_AY\\_c-5-160432-3-ay.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5-160432-3\\_AY\\_c-5-160432-3-ay.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[1654742\\_HOUSEHOLD\\_APPLIANCES\\_RAST5](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[UL Report](#)

English