

1742198-1 ✓ ACTIVE

FASTON | FASTON 250

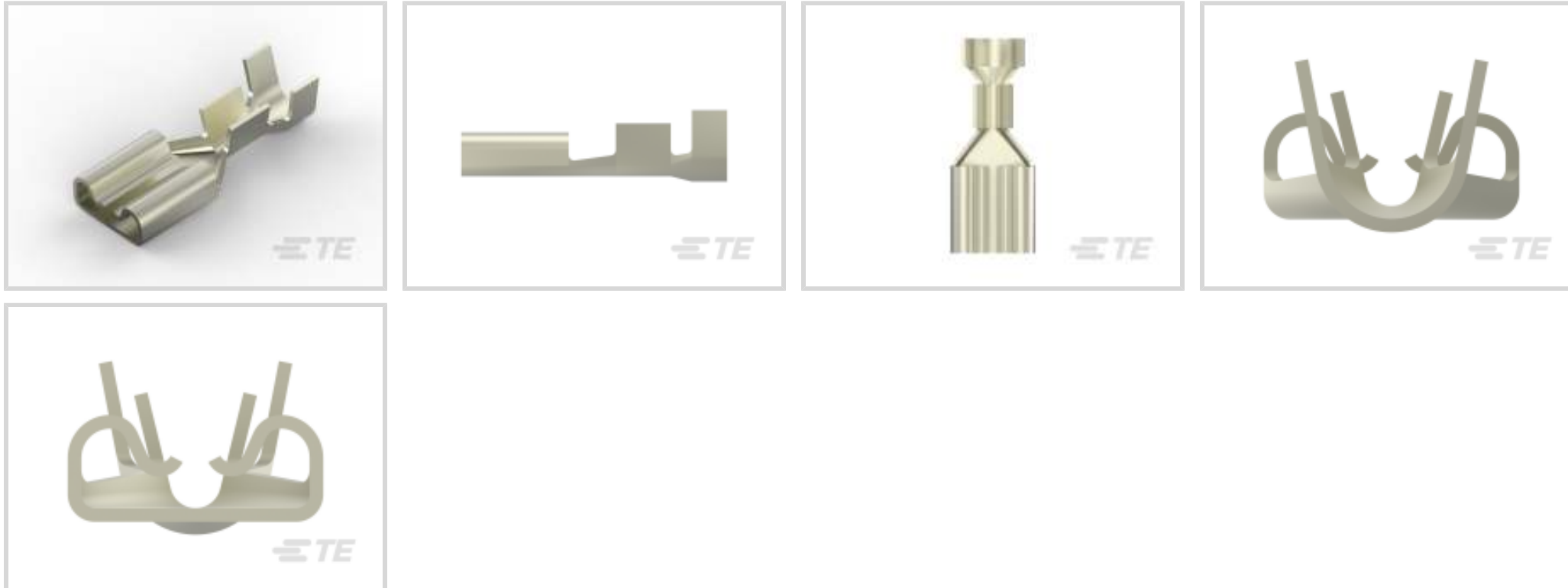
TE Internal #: 1742198-1

Quick Disconnects, Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm<sup>2</sup> Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Steel, FASTON 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 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
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	Steel
Terminal Plating Material	Nickel
Crimp Type	F-Crimp
Barrel Type	Open

### Termination Features

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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

### Dimensions

Terminal Material Thickness	.46 mm[.018 in]
Product Length	19.2 mm[.753 in]
Compatible Insulation Diameter Range	3.1 – 4.3 mm[.12 – .17 in]
Wire Size	.82 – 2.08 mm <sup>2</sup>

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 250 °C[-40 – 482 °F]

### Industry Standards

Agency/Standard	RU (UL Component Program), UL
Approved Standards	UL E66717

### Packaging Features

Packaging Quantity	10000
Packaging Method	Strip/Reel

### Other

Line	FASTON .250
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### 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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 1969632-1 250 FASTON HSG.,REC.,1 POS,BLACK</p>	 <p>TE Part # 58524-1 PROCRIPIPER TOOL &amp; DIE</p>	 <p>TE Part # 2-735075-6 250 FASTON INS POST.,REC.,1 POS, NATRUAL</p>	 <p>TE Part # 735075-5 250 FASTON HSG. REC. 1P BLACK</p>
 <p>TE Part # 1-480416-8 250 FASTON HSG.,REC.,1 POS, NATRUAL</p>	 <p>TE Part # 1-735075-5 250 FASTON INS POST.,REC.,1 POS, BLACK</p>	 <p>TE Part # 2238142-1 250 FASTON,FLAG,REC.,22-16 AWG, NPST</p>	 <p>TE Part # 480416-2 250 FASTON HSG. REC 1P BLACK</p>
 <p>TE Part # 1-480416-1 FASTON 250 REC HSG 1CIR NYLON BLK</p>	 <p>TE Part # 1-735075-1 250 FASTON INS POST.,REC.,1 POS, RED</p>	 <p>TE Part # 735075 250 FASTON HSG. REC. 1P CLEAR</p>	 <p>TE Part # 1-735075-0 250 FASTON INS POST.,REC.,1 POS</p>



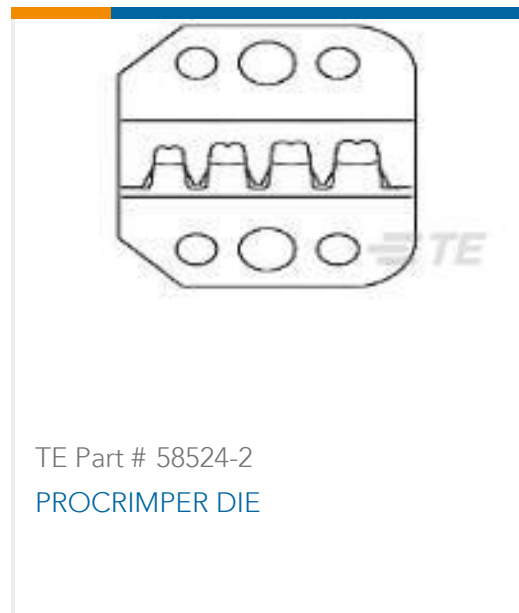
TE Part # 1-480416-0  
FASTON 250 REC HSG NYLON NAT



TE Part # 6-735075-0  
250 FASTON HSG. REC. 1P NATURAL



TE Part # 8-735075-0  
250 FASTON HSG. REC. 1P NATURAL



TE Part # 58524-2  
PROCRIMPER DIE



TE Part # 1-735075-3  
250 FASTON INS POST.,REC.,1 POS,  
BLUE



TE Part # 1-735075-4  
250 FASTON INS POST.,REC.,1 POS,  
YELLOW

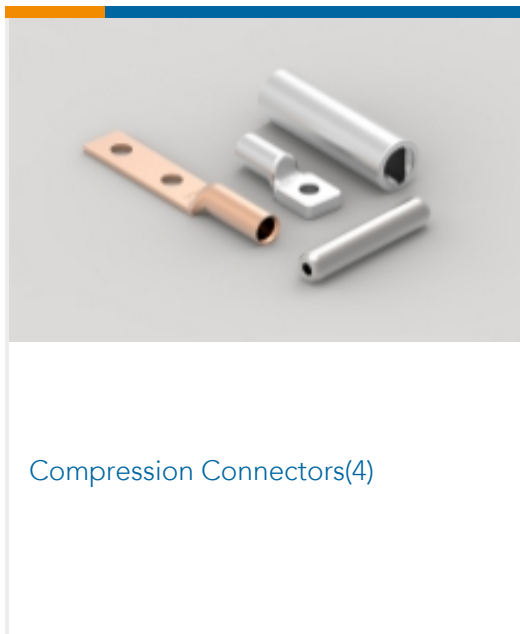


TE Part # 2-2150016-1  
OCEAN\_2.0\_Applicator-E-100F180F

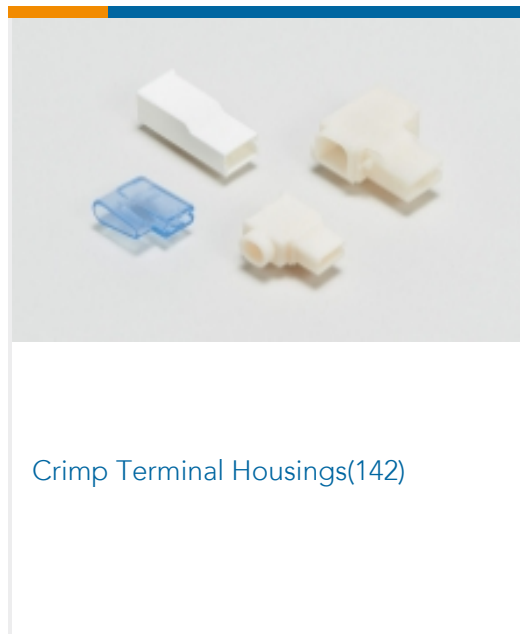


TE Part # 2-2150016-2  
OCEAN\_2.0\_Applicator-E-100F180F

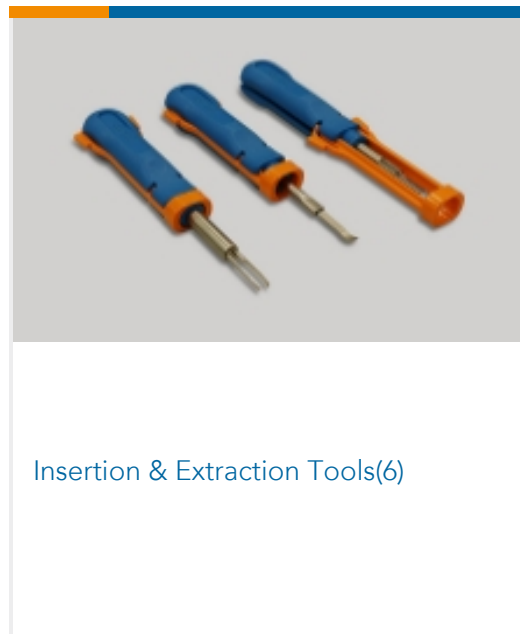
Also in the Series | **FASTON 250**



Compression Connectors(4)



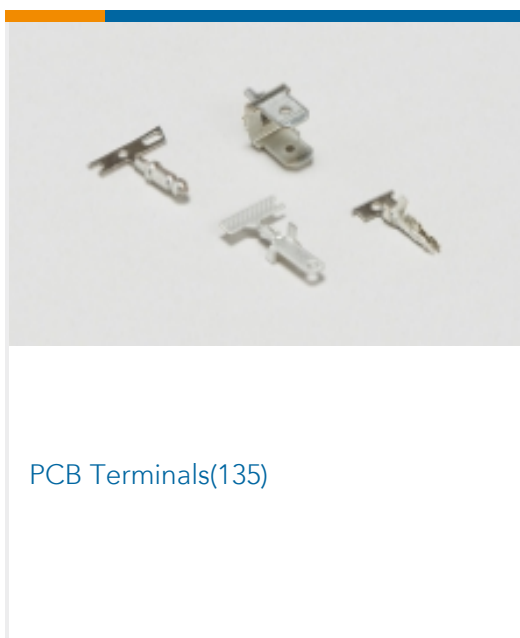
Crimp Terminal Housings(142)



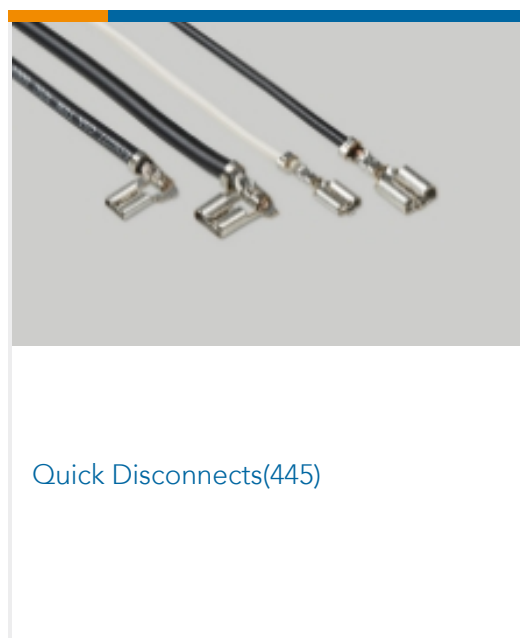
Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(135)



Quick Disconnects(445)



Splices(4)

Customers Also Bought



TE Part #5-1971772-3  
PTL 1X3 CAP PANEL MT HITEMP KEY  
A LGR



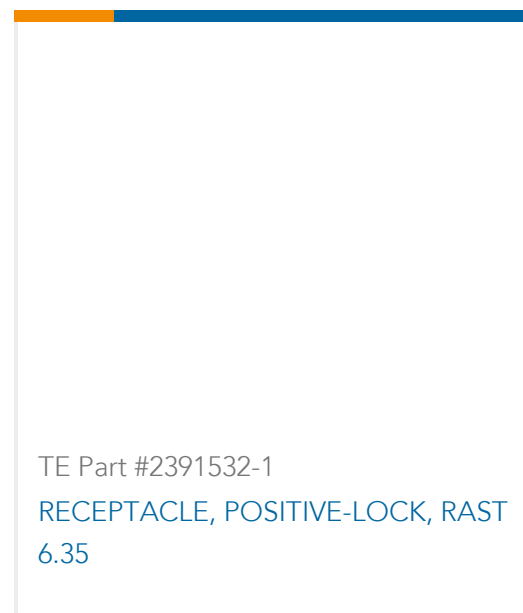
TE Part #1-1971773-3  
PTL 1X3 PLUG HSG STD TEMP KEY A  
NAT



TE Part #1971786-2  
PTL TAB CONTACT, 20 - 22 AWG



TE Part #1971777-4  
PTL TPA HIGH TEMP 1 x 4 BLACK



## Documents

### Product Drawings

[250 FASTON, REC., 18-14 AWG, NPST](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1742198-1\\_H.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1742198-1\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1742198-1\\_H.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[82004 FASTON Terminals \(Insulated and Uninsulated\) Catalog - FASTON Receptacles Section](#)

English

[1-1773948-2 Standard Line FASTON Receptacles QRG](#)

English

[Introductory Flyer - Low Insertion Force FASTON Terminals](#)

English

### Product Specifications



### Application Specification

English

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### Product Environmental Compliance

#### TE Material Declaration

English

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### Agency Approvals

#### Agency Approval Document

English