

42041 ✓ ACTIVE

FASTON | FASTON 250

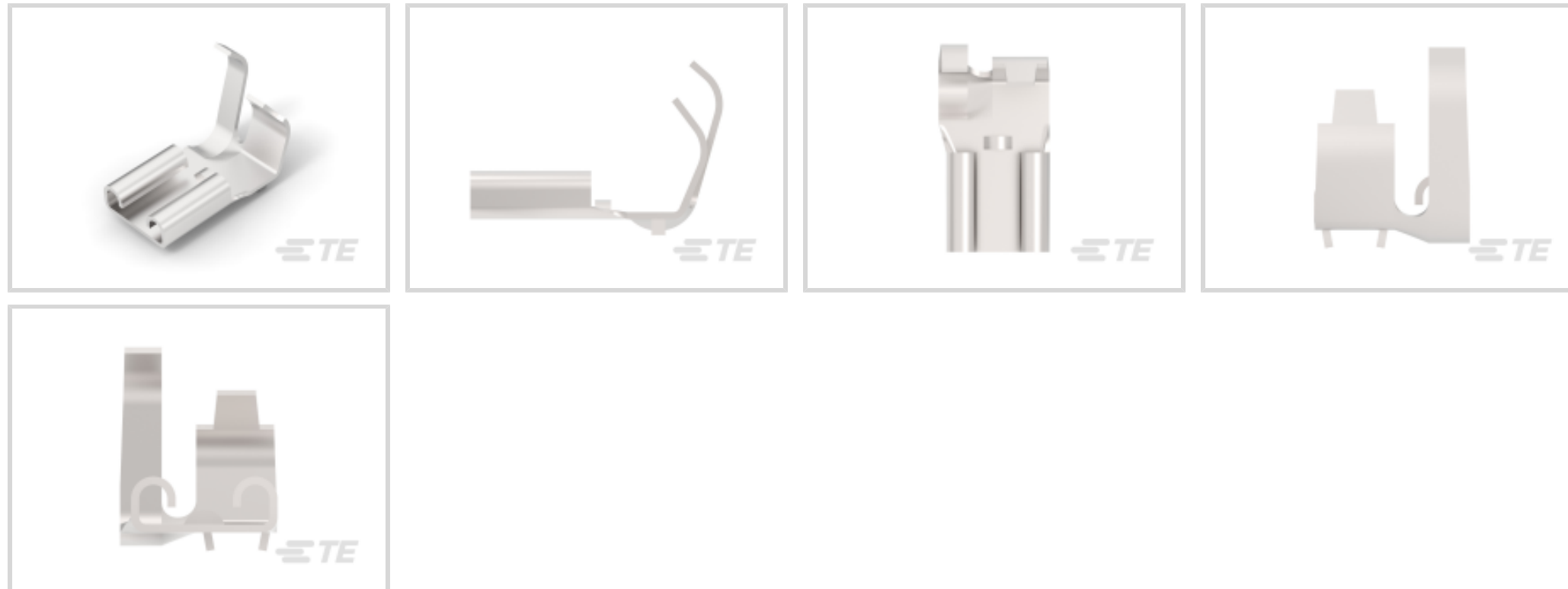
TE Internal #: 42041

Receptacle, 18 – 12 AWG Wire Size, .82 – 3.31 mm<sup>2</sup> Wire Size,  
Mating Tab Width 6.35 mm [.25 in], Flag, Phosphor Bronze,  
FASTON 250, Quick Disconnects

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .82 – 3.31 mm<sup>2</sup>

Mating Tab Width: 6.35 mm [.25 in]

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

## Features

### Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	6.35 mm [.25 in]
Mating Tab Thickness	.81 mm [.032 in]
Terminal Orientation	Flag
Contact Base Material	Phosphor Bronze
Terminal Plating Material	Silver
Crimp Type	Tab-Lok
Barrel Type	Open

### Dimensions

Wire Size	.82 – 3.31 mm <sup>2</sup>
Product Length	17.02 mm [.67 in]
Compatible Insulation Diameter Range	2.79 – 5.33 mm [.11 – .21 in]
Terminal Material Thickness	.46 mm [.018 in]

### Packaging Features

Packaging Method	Strip/Reel
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Packaging Quantity	4000
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### Product Type Features

Insertion Force	Normal
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### Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
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### Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Line	Premier
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### Configuration Features

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

Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
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Mating Retention Type	Dimple
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### Industry Standards

Compatible With Agency/Standards Products	CSA
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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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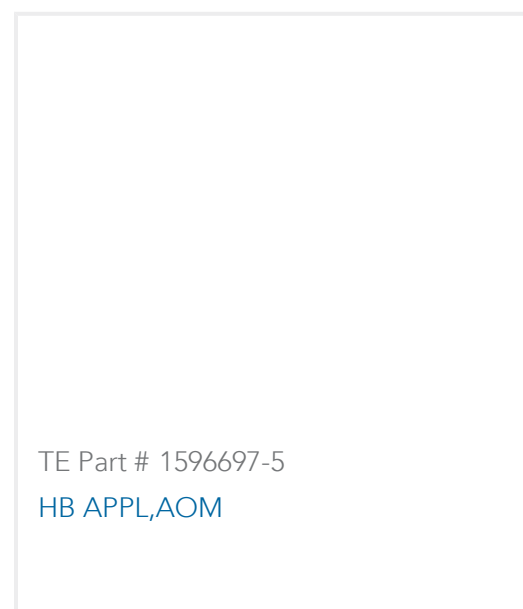
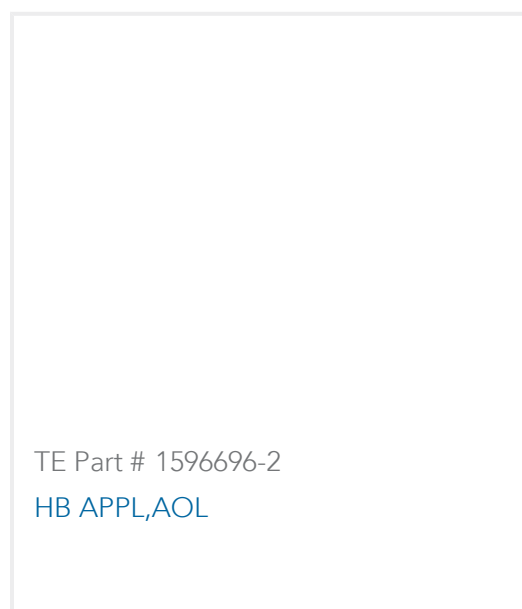
Solder Process Capability

Not applicable for solder process capability

## Product Compliance Disclaimer

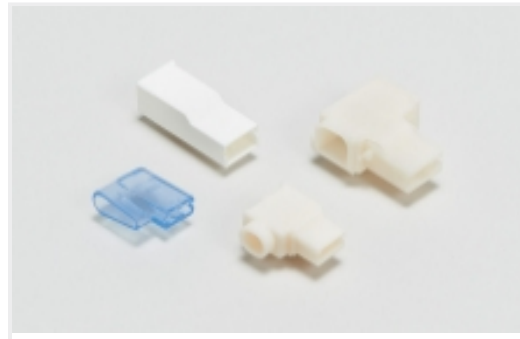
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

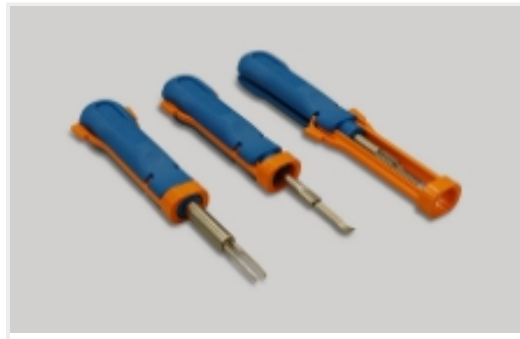
Also in the Series | **FASTON 250**



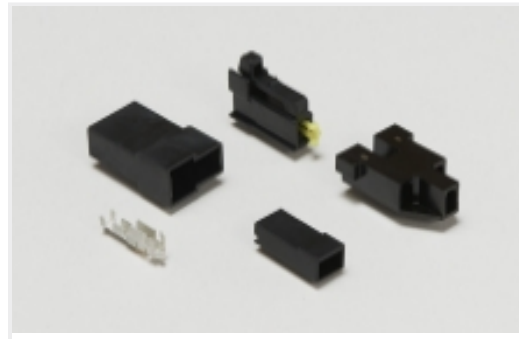
Compression Connectors(4)



Crimp Terminal Housings(132)



Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(134)

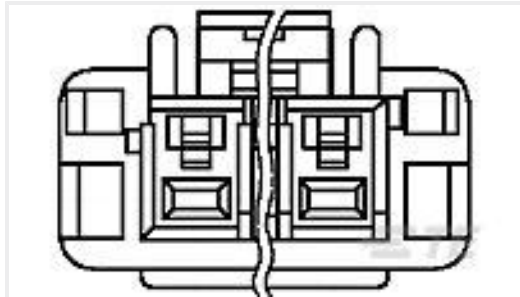


Quick Disconnects(425)

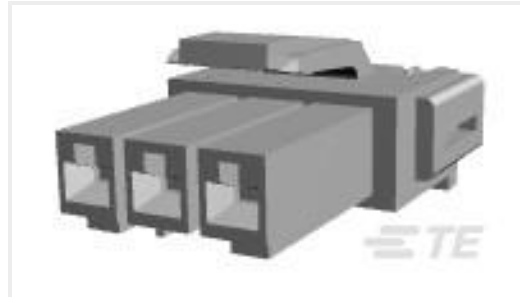


Splices(4)

### Customers Also Bought



TE Part #1376393-1  
5MM POWER KEY 6P PLUG HSG NUT



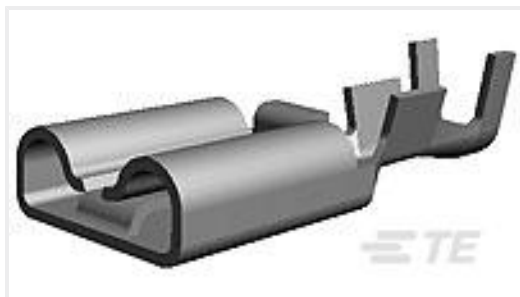
TE Part #177899-1  
POWER DBL LOCK PLUG HSG 3P



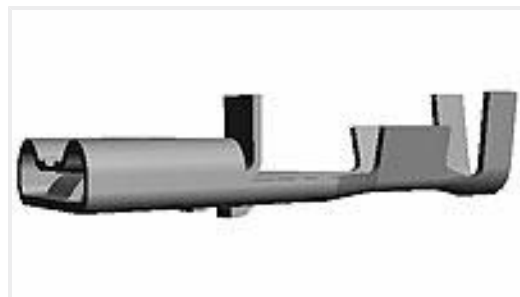
TE Part #1969588-2  
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5



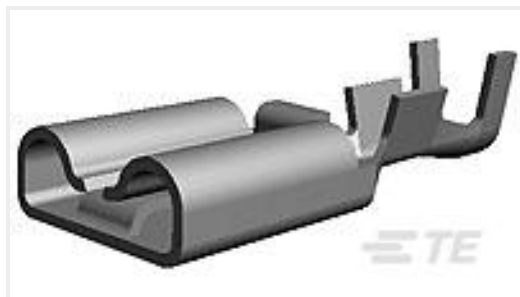
TE Part #1-1123823-1  
EP IP PLUG NATURAL



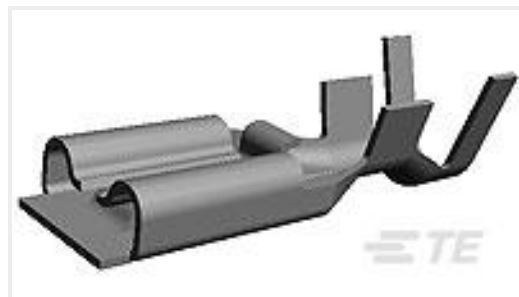
TE Part #175020-1  
250 PL EX REC. 22-18AWG PTBR



TE Part #170328-1  
250 PL MKII REC. 18-14AWG PTBR



TE Part #175024-1  
250 PL EX REC. 15-10AWG PTBR



TE Part #173724-1  
187 PL EX REC. 20-14AWG PTBR



TE Part #175057-1  
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part #63512-3  
187 FASTON FLAG REC 18-14 AWG BR

### Documents



## Product Drawings

### 250 FASTON FLAG REC 18-12 AWG SPBZ

English

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_42041\\_AK\\_c-42041-ak.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_42041\\_AK\\_c-42041-ak.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_42041\\_AK\\_c-42041-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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## Datasheets & Catalog Pages

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

English

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## Product Specifications

### Application Specification

English

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## Agency Approvals

### UL Report

English

### UL Report

English