

180464-1 ✓ ACTIVE

FASTON | FASTON 250

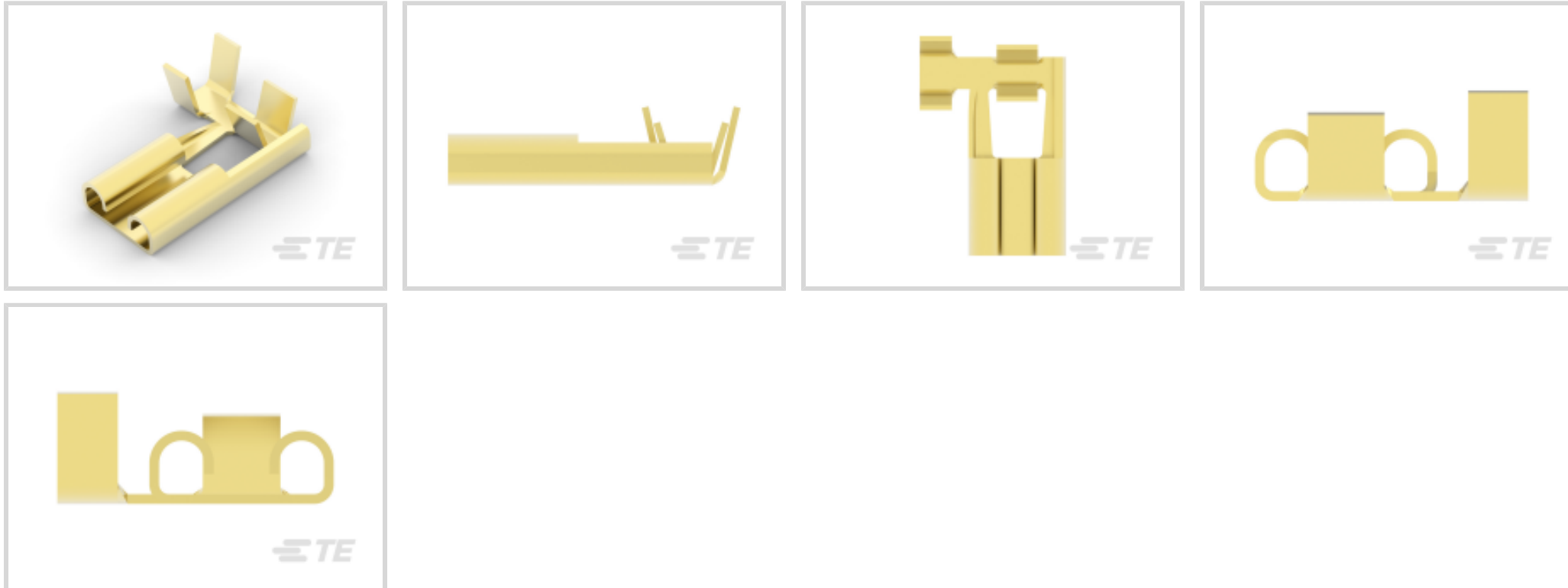
TE Internal #: 180464-1

Quick Disconnects, Receptacle, 17 – 14 AWG Wire Size, 1 – 2.5 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Flag, Brass, FASTON 250

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Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: 1 – 2.5 mm²

Mating Tab Width: 6.35 mm [.25 in]

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

Features

Product Type Features

| | |
|-----------------|--------|
| Insertion Force | Normal |
|-----------------|--------|

Configuration Features

| | |
|-----------------------------------|---------------|
| Connection Capacity | Single |
| Compatible With Wire & Cable Type | Discrete Wire |

Electrical Characteristics

| | |
|----------------|-------|
| Voltage Rating | 250 V |
|----------------|-------|

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 | Brass |
| Terminal Plating Material | Unplated |
| Crimp Type | F-Crimp |



| | |
|-------------|------|
| Barrel Type | Open |
|-------------|------|

Termination Features

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|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

Mechanical Attachment

| | |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

| | |
|-----------------------|--------|
| Mating Retention Type | Dimple |
|-----------------------|--------|

Dimensions

| | |
|-----------------------------|-----------------|
| Terminal Material Thickness | .41 mm[.016 in] |
|-----------------------------|-----------------|

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|----------------|------------------|
| Product Length | 14.2 mm[.559 in] |
|----------------|------------------|

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|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 2.5 – 3.81 mm[.098 – .15 in] |
|--------------------------------------|------------------------------|

| | |
|-----------|-------------------------|
| Wire Size | 1 – 2.5 mm ² |
|-----------|-------------------------|

Usage Conditions

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|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

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|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |
|-----------------------------|----------------------------|

Industry Standards

| | |
|-----------------|----|
| Agency/Standard | UL |
|-----------------|----|

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 5000 |
|--------------------|------|

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|------------------|------------|
| Packaging Method | Strip/Reel |
|------------------|------------|

Other

| | |
|------|---------|
| Line | Premier |
|------|---------|

| | |
|-----------------------------|-------------------|
| Terminals & Splices Comment | For mini tooling. |
|-----------------------------|-------------------|

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: JUNE 2023 (235) |
|--|--|



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 # 180984-5
FASTON 250 BOOT FLAG NYLON BLK



TE Part # 2133857-1
250 FASTON HSG., FLAG, REC., 1 POS, NATURAL



TE Part # 154897-1
.375 FLAG FASTON RECPT.



TE Part # 2-180984-0
FASTON BOOT 250 FLAG NYLON NAT



TE Part # 1-180984-2
FASTON 250 BOOT NYLON BLK



TE Part # 8-180984-1
250 FASTON BOOT FLAG REC. 1P BLACK



TE Part # 1-100645-3
250 FASTON, REC., 14-17AWG, PHBZ



TE Part # 7-180984-5
250 FASTON BOOT FLAG REC. 1P BLACK



TE Part # 180984
FASTON 250 BOOT FLAG NYLON NAT



TE Part # 7-180984-0
250 FASTON BOOT FLAG REC. 1P NATURAL



TE Part # 180397-2
250 FASTON, FLAG, REC., 17-14 AWG, TPBR



TE Part # 180397-1
250 FASTON, FLAG, REC., 17-14 AWG, BR




TE Part # 1855631-1
HDM/FA SAPR.110F.180F LM CUT



TE Part # 1855631-2
HDM/FA SAPR.110F.180F BENCH K CUT



TE Part # 1855631-3
HDM/FA SAPR.110F.180F BENCH G CUT



TE Part # 2-2151008-2
OCEAN_2.0_APPLICATOR-S-110F180F CUT




TE Part # 2151008-2
OCEAN_2.0_APPLICATOR-S-110F180F



TE Part # 7-2151008-2
OCEAN_2.0_APPLICATOR-S-110F180F




TE Part # 7-2151008-7
OCEAN_2.0_SPARE_PART_KIT-1110F180F




TE Part # 2133857-4
250 FASTON HSG.,FLAG,REC.,1 POS, NATRUAL


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 #280007-2
AMPLIVAR SPLICE TIN PLATED



TE Part #880646-1
PL REC 0.5-1.0MM2 0.40 X 52.32 BR



TE Part #4-280050-1
250 FASTON,FLAG,REC.,16-20 AWG, BR



TE Part #2063409-2
SDE MICROTIMER 0.2-1.0mm2 DIE SET



TE Part #453805-1
CRIMPER, WIRE-.100 WIDE F



TE Part #453808-5
CRIMPER, WIRE-.130 WIDE F

Documents

Product Drawings

[250 FASTON, FLAG, REC., 14-17AWG, LATON](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_180464-1_AY.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_180464-1_AY.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_180464-1_AY.3d_stp.zip](#)

English

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

Product Specifications

[FASTON & FASTIN-FASTON conn. .250 srs. flag rec. etc.](#)

[Application Specification](#)

Product Environmental Compliance

[MD_180464-1_03222018842_dmtec](#)

English

[MD_180464-1_03222018842_dmtec](#)

English

Agency Approvals

[UL Report](#)

English