

170303-1 ✓ ACTIVE

FASTIN-FASTON | FASTIN-FASTON 250

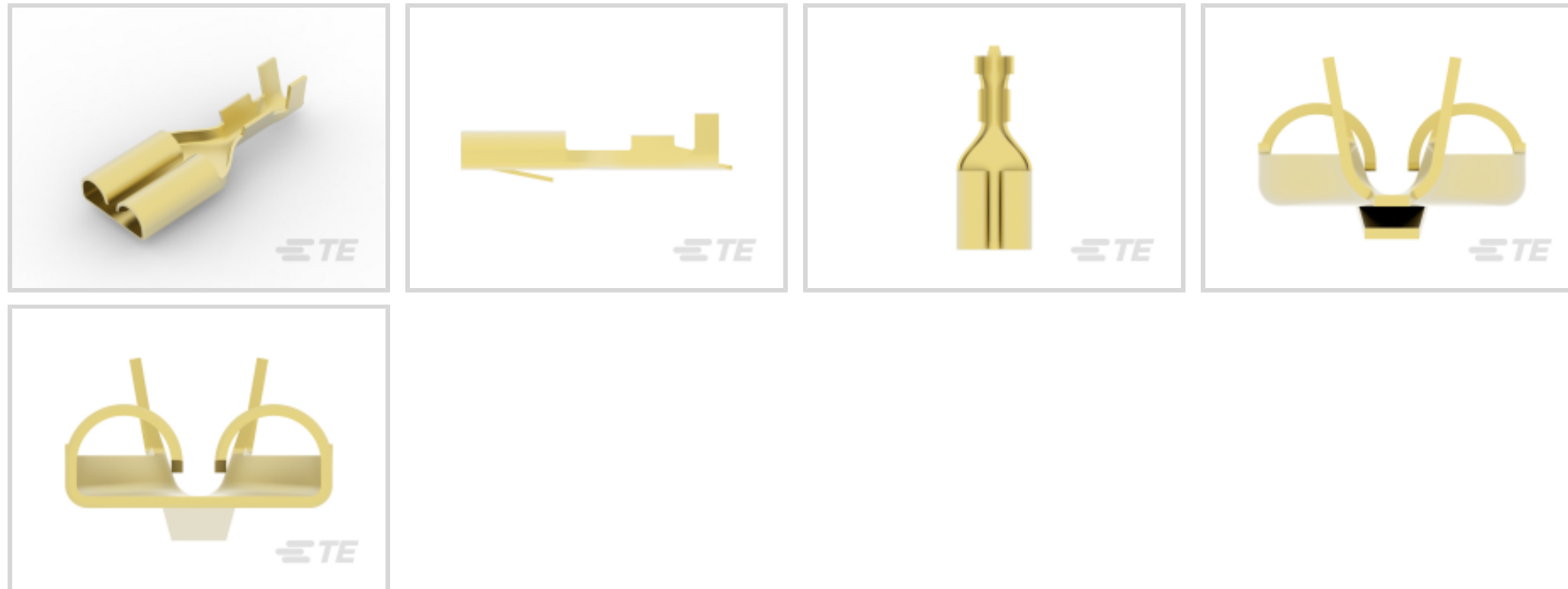
TE Internal #: 170303-1

Quick Disconnects, Receptacle, 22 – 18 AWG Wire Size, .32 – .82 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, FASTIN-FASTON 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 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 |

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

Mechanical Attachment

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|------------------|-------------------|
| Extraction Force | 4.9 – 34.3 Newton |
|------------------|-------------------|

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

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

Dimensions

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|-----------------------------|-----------------|
| Terminal Material Thickness | .33 mm[.013 in] |
|-----------------------------|-----------------|

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|----------------|------------------|
| Product Length | 21.5 mm[.846 in] |
|----------------|------------------|

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|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 1.52 – 2.6 mm[.06 – .102 in] |
|--------------------------------------|------------------------------|

| | |
|-----------|---------------------------|
| Wire Size | .32 – .82 mm ² |
|-----------|---------------------------|

Usage Conditions

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

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

Packaging Features

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|--------------------|------|
| Packaging Quantity | 6000 |
|--------------------|------|

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

Other

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|-----------------------------|---|
| Terminals & Splices Comment | "Stress relieving process determines finish, i.e., inert gas furnace produces matte finish and atmospheric furnace followed by acid pickle produces bright finish." |
|-----------------------------|---|

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 |
|--|---|

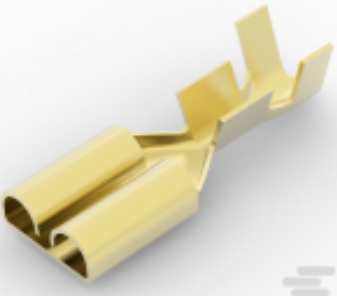

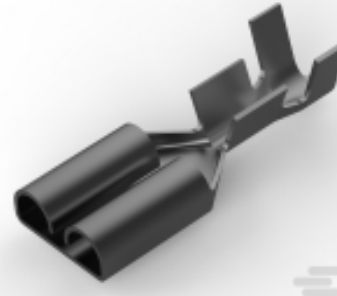



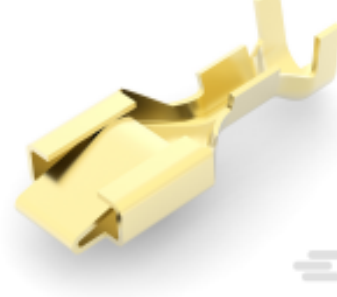
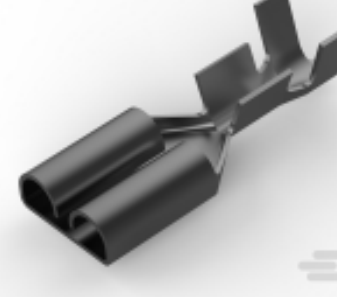
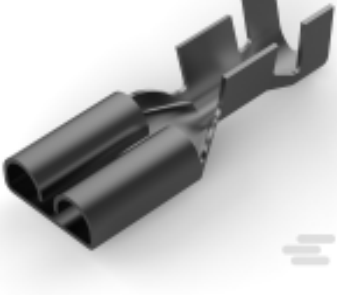


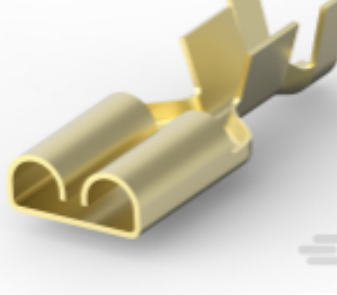
| | |
|-----------------|---|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|-----------------|---|

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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

| | | | |
|--|--|--|--|
|  <p>TE Part # 170031-1 FF 250 REC 20-14AWG BR</p> |  <p>TE Part # 280095-2 FF 250 REC 0.3-0.8MM2 PTBR</p> |  <p>TE Part # 170031-2 FF 250 REC 20-14AWG TPBR REREELING</p> |  <p>TE Part # 170089-1 FF 250 REC 14-12AWG BR</p> |
|  <p>TE Part # 1989879-1 .250 SRS FASTIN-ON REC.</p> |  <p>TE Part # 180351-1 FF 250 REC 4-6MM2 BR</p> |  <p>TE Part # 640841-1 BLADE REC 250 20-16AWG BR</p> |  <p>TE Part # 4-170031-2 FF 250 20-14AWG TPBR REREELING</p> |
|  <p>TE Part # 170089-2 FF 250 REC 14-12AWG TPBR</p> |  <p>TE Part # 280095-1 FF 250 REC 0.3-0.8MM2 BR</p> |  <p>TE Part # 5-160526-6 FF 250 REC 0.5-1.5MM2 BR</p> |  <p>TE Part # 6-160448-0 FF 250 REC 1.0-2.5MM2 BR</p> |

Also in the Series | **FASTIN-FASTON 250**



Crimp Terminal Housings(211)



Insertion & Extraction Tools(2)



PCB Terminals(2)

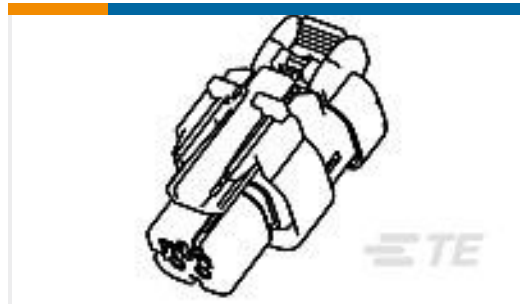


Quick Disconnects(254)

Customers Also Bought



TE Part #213850-1
CPC PLUG ASSEMBLY SIZE 23-37



TE Part #776429-4
AS 16, 3P PLUG ASSY, KEY 4



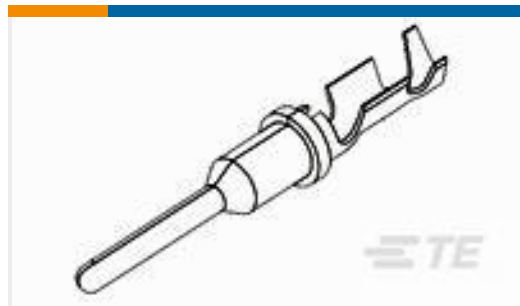
TE Part #2141404-1
20POS,NANOMQS,REC HSG,CODE A



TE Part #T4030014031-000
M8.MLE.PNLREAR.3POS.STR



TE Part #1423675-7
W57-XB7A4A10-10=CKTBKR,THERM,P



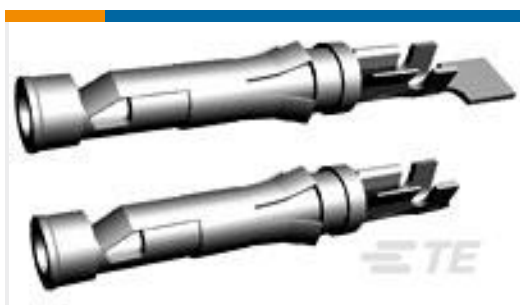
TE Part #776300-2
PIN CONTACT WIRE TO WIRE NICKER



TE Part #DT15-12PB
HDR, 12P, BLK, ST, NI/CU, B



TE Part #4-1625984-5
HSA50 2R4 5%



TE Part #2-66105-0
III+ SKT,24-20,TIN,SMPACK



TE Part #7-2836646-7
OCEAN_2.0_SPARE_PART_KIT-160F210OV

Documents

Product Drawings

[FF 250 REC 22-18AWG BR WITH LATCH](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_170303-1_K_c-170303-1-k.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_170303-1_K_c-170303-1-k.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170303-1_K_c-170303-1-k.3d_stp.zip](#)

English

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

Product Specifications

[.250 Series Tab and Receptacle with and without Latch](#)

Japanese

Product Specification

Japanese

Product Environmental Compliance

Product Compliance

English

Product Compliance

English