

6-160432-4 ✓ ACTIVE

FASTON | FASTON 250

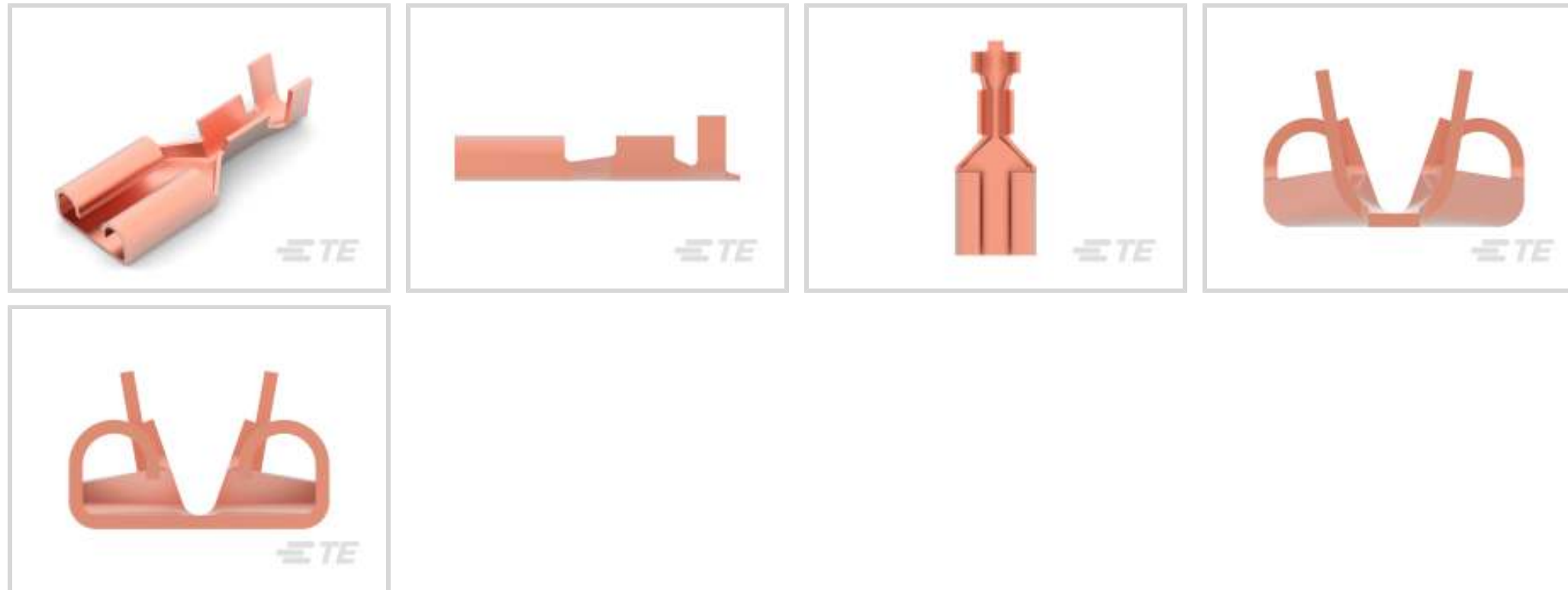
TE Internal #: 6-160432-4

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .5 – 1.5 mm<sup>2</sup> Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Phosphor Bronze, FASTON 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .5 – 1.5 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 |
|-----------------|--------|

### 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 | Phosphor Bronze |
|-----------------------|-----------------|

|                           |          |
|---------------------------|----------|
| Terminal Plating Material | Unplated |
|---------------------------|----------|

|            |         |
|------------|---------|
| Crimp Type | F-Crimp |
|------------|---------|

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

### Termination Features



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

### Mechanical Attachment

|                  |           |
|------------------|-----------|
| Extraction Force | 80 Newton |
|------------------|-----------|

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

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

### Dimensions

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

|                |                |
|----------------|----------------|
| Product Length | 19 mm[.748 in] |
|----------------|----------------|

|                                      |                            |
|--------------------------------------|----------------------------|
| Compatible Insulation Diameter Range | 2.3 – 3.3 mm[.09 – .13 in] |
|--------------------------------------|----------------------------|

|           |                          |
|-----------|--------------------------|
| Wire Size | .5 – 1.5 mm <sup>2</sup> |
|-----------|--------------------------|

### Usage Conditions

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

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

### Industry Standards

|                 |         |
|-----------------|---------|
| Agency/Standard | CSA, UL |
|-----------------|---------|

### Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Quantity | 12000 |
|--------------------|-------|

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

### Other

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

### 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)<br>Candidate List Declared Against: JAN 2023 (233)<br>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 # 180388-5  
250 FASTON,REC.,20-16 AWG,TPPB



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



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



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



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



TE Part # 2376595-2  
250 FASTON PCB TAB TPBR



TE Part # 42239-4  
205 FASTON REC 18-14 AWG PHBZ



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



TE Part # 7-2150082-2  
OCEAN\_2.0\_APPLICATOR-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 #206070-8  
CABLE CLAMP KIT #17



TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #DT06-2S  
PLG, 2P, GRY, N



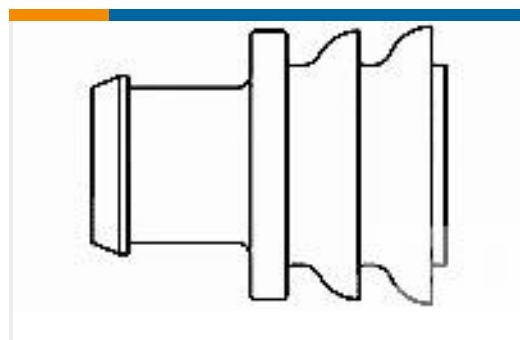
TE Part #W2P  
Wedgelocks: DEUTSCH DT



TE Part #0462-201-16141  
DEUTSCH Solid Contacts



TE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL

## Documents

### Product Drawings

[250 FASTON REC 20-16 AWG PHBZ](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_6-160432-4\\_AU.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6-160432-4\\_AU.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-160432-4\\_AU.3d\\_stp.zip](#)

English

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

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### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

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### Agency Approvals

[UL Report](#)

English