

42742-1 ✓ ACTIVE

FASTON | FASTON 250

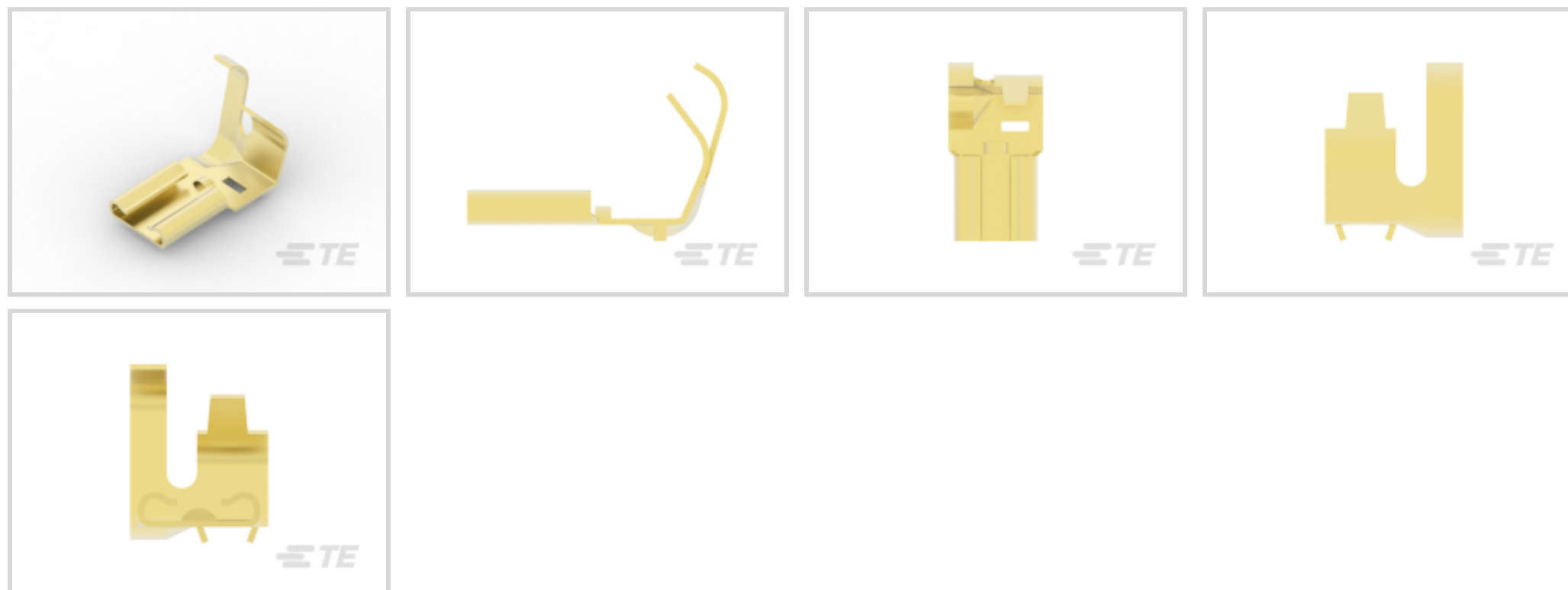
TE Internal #: 42742-1

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

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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

### Product Type Features

|                 |              |
|-----------------|--------------|
| Terminates To   | Wire & Cable |
| Wire/Cable Type | Regular Wire |
| Wire Stop       | No           |
| Insertion Force | Low          |
| Sealable        | No           |

### Configuration Features

|                     |        |
|---------------------|--------|
| Connection Capacity | Single |
|---------------------|--------|

### 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                     | Tab-Lok         |



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

### Mechanical Attachment

|                       |        |
|-----------------------|--------|
| Mating Retention Type | Dimple |
|                       | .04 in |

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

### Dimensions

|  |                               |
|--|-------------------------------|
| Accepts Wire Insulation Diameter Range | 2.79 – 5.33 mm [.11 – .21 in] |
|--|-------------------------------|

|                                     |                  |
|-------------------------------------|------------------|
| Receptacle Terminal Stock Thickness | .41 mm [.016 in] |
|-------------------------------------|------------------|

|                |                   |
|----------------|-------------------|
| Overall Length | 17.02 mm [.67 in] |
|----------------|-------------------|

|           |                            |
|-----------|----------------------------|
| Wire Size | .82 – 3.31 mm <sup>2</sup> |
|-----------|----------------------------|

### Usage Conditions

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

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

### Industry Standards

|               |     |
|---------------|-----|
| CSA Certified | Yes |
|---------------|-----|

|           |        |
|-----------|--------|
| UL Rating | Listed |
|-----------|--------|

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 4000 |
|--------------------|------|

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

### 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 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |
|--|--|

|                 |   |
|-----------------|---|
| 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 # 1852633-1  
EAPOHB160TABLOCK1800 LM/G-  
HINGE BAR



TE Part # 1855041-1  
HINDGE BAR F.A. EMPO160TAB1800  
LM & G



TE Part # 62011-3  
250 FASTON FLAG REC 12-10 AWG  
BR



TE Part # 687395-5  
M HBEAPR160T K



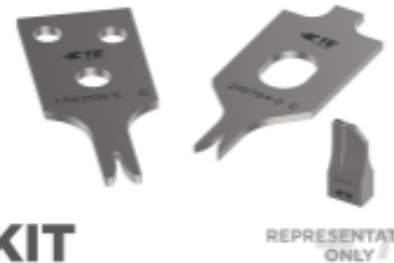
TE Part # 687395-6  
HDM HBEAPR160T1800TSA



TE Part # 687395-8  
HINGE BAR 9EAPR160T1800 G



TE Part # 687395-9  
EF HINGE BAR 9EMPR160TL2100 T



**KIT**  
REPRESENTATION ONLY

TE Part # 7-1855041-7  
SPARE PART KIT

TE Part # 1596696-2  
HB APPL,AOL

TE Part # 1596697-5  
HB APPL,AOM



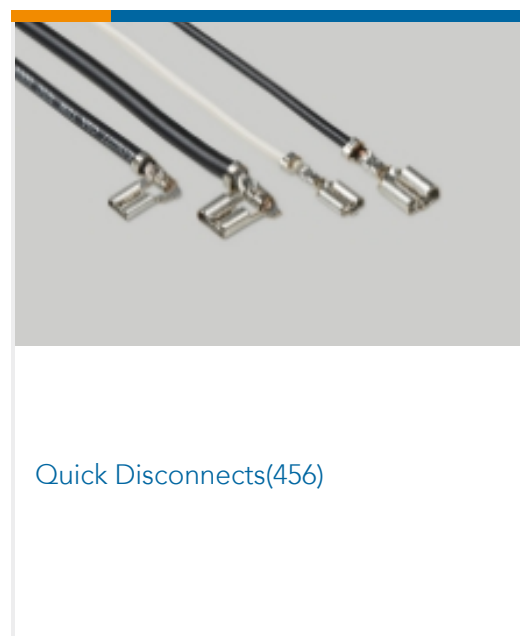
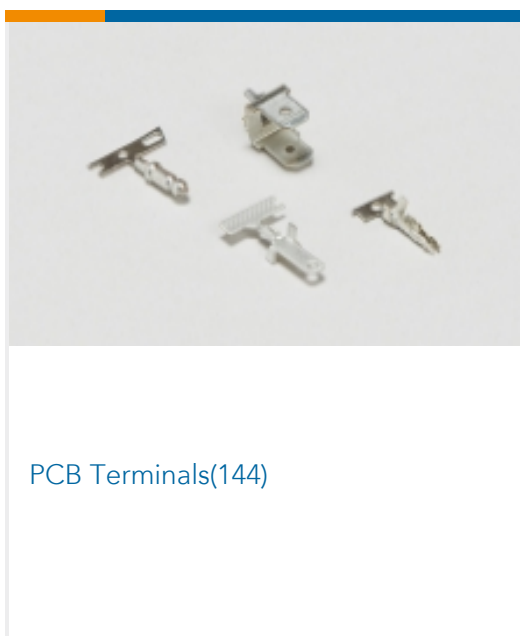
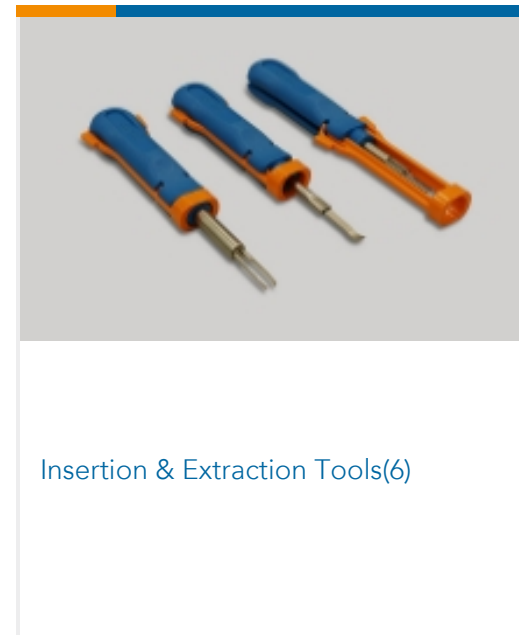
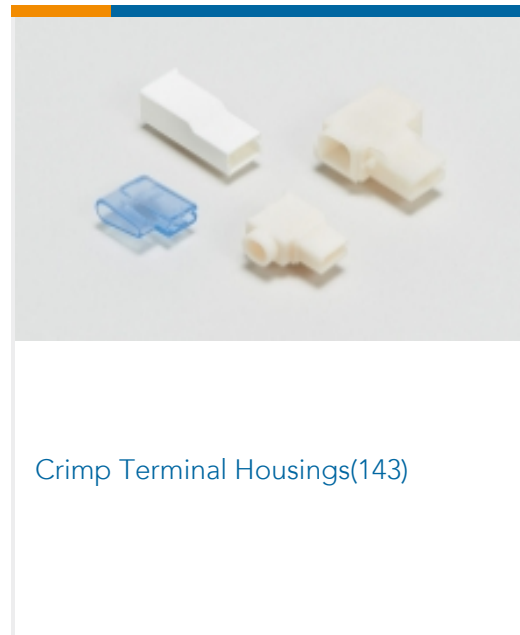
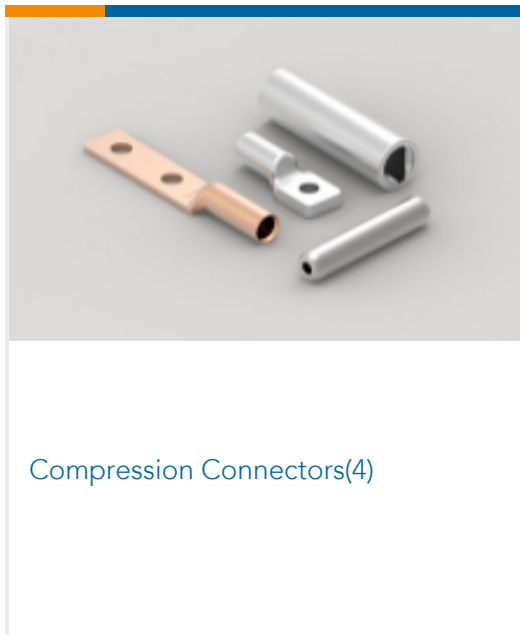
TE Part # 2088156-2  
MINI APPLICATOR, HINGE BAR END  
FEED



TE Part # 565504-1  
STD HBEMPR160T1800K

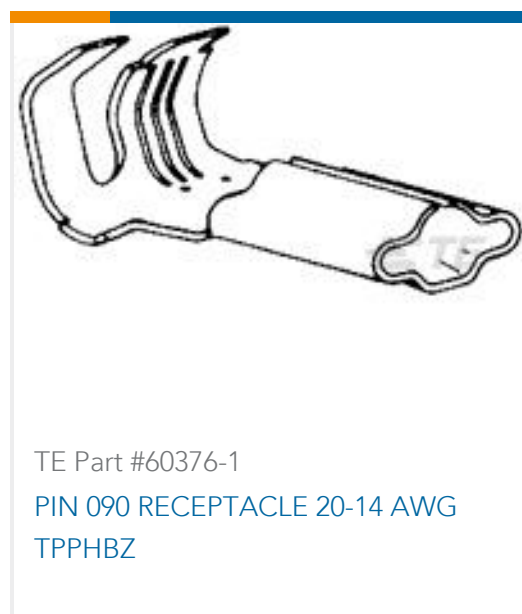


## Also in the Series | FASTON 250



## Customers Also Bought





## Documents

### Product Drawings

[250 FASTON FLAG REC 18-12 AWG BR](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_42742-1\\_DP.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_42742-1\\_DP.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_42742-1\\_DP.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[FASTIN\\_FASTON\\_Product\\_Line](#)

English

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

English

### Product Specifications

[Product Specification](#)

English

### Product Environmental Compliance

[TE Material Declaration](#)

English

### Agency Approvals

[CSA Certificate](#)

English

[CSA Certificate](#)

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English