

42486-3 ✓ ACTIVE

FASTON | FASTON 187

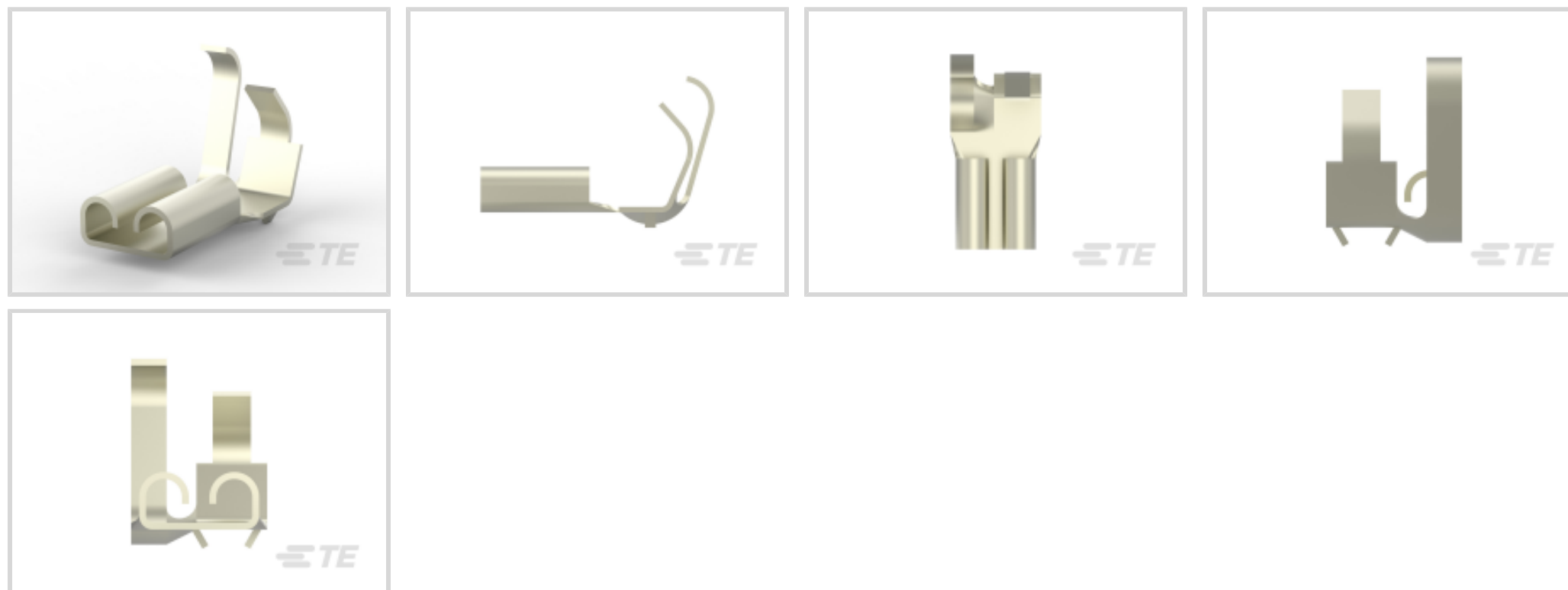
TE Internal #: 42486-3

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm² Wire Size, Mating Tab Width .187 in [4.75 mm], Flag, Steel, FASTON 187

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.31 mm²

Mating Tab Width: 4.75 mm [.187 in]

Mating Tab Thickness: .51 mm [.02 in]

Features

Product Type Features

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

Configuration Features

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

Contact Features

| | |
|--------------------------------|-------------------|
| Quick Disconnect Terminal Type | Receptacle |
| Mating Tab Width | 4.75 mm [.187 in] |
| Mating Tab Thickness | .51 mm [.02 in] |
| Terminal Orientation | Flag |
| Contact Base Material | Steel |
| Terminal Plating Material | Nickel |
| Crimp Type | Tab-Lok |



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

Mechanical Attachment

| | |
|-----------------------|---------|
| Mating Retention Type | Dimple |
| | .035 in |

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

Dimensions

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|--|-------------------------------|
| Accepts Wire Insulation Diameter Range | 2.79 – 4.32 mm [.11 – .17 in] |
|--|-------------------------------|

| | |
|-------------------------------------|-----------------|
| Receptacle Terminal Stock Thickness | .3 mm [.012 in] |
|-------------------------------------|-----------------|

| | |
|----------------|-------------------|
| Overall Length | 13.46 mm [.53 in] |
|----------------|-------------------|

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|-----------|----------------------------|
| Wire Size | .51 – 1.31 mm ² |
|-----------|----------------------------|

Usage Conditions

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

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|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 250 °C [-40 – 482 °F] |
|-----------------------------|-----------------------------|

Industry Standards

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

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

Packaging Features

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

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|------------------|------------|
| 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 1-687392-9
HB 9EAPR140T1400 G



TE Part # 1855654-1
HDM/FA HBEMPO140T1400 LM CUT




TE Part # 565501-1
STD HBEMPR140T1400K




TE Part # 567758-1
APPL,HB*COM* 8EAPR140T1400 G


Also in the Series | FASTON 187




Crimp Terminal Housings(41)



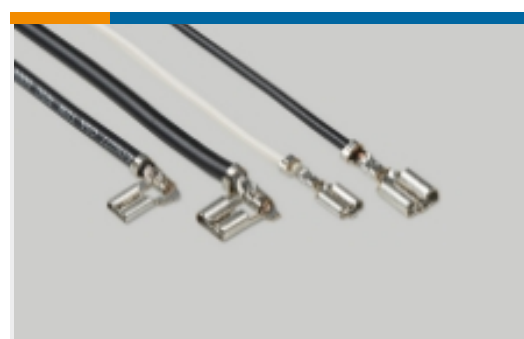
Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(48)



Quick Disconnects(214)



Splices(1)

Customers Also Bought



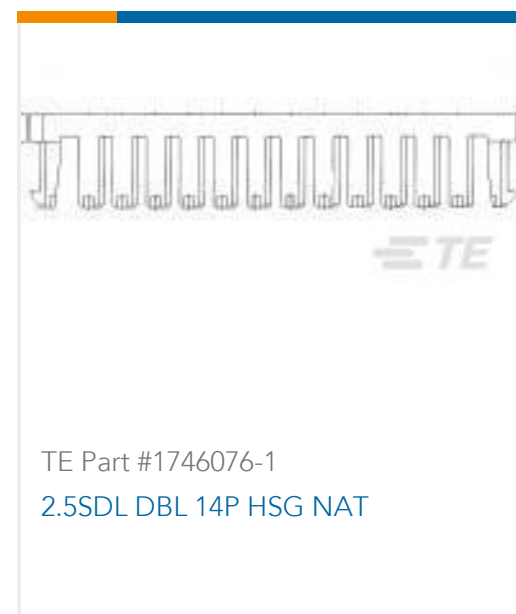
TE Part #917693-1
STD Temp Signal Double Lock Plug



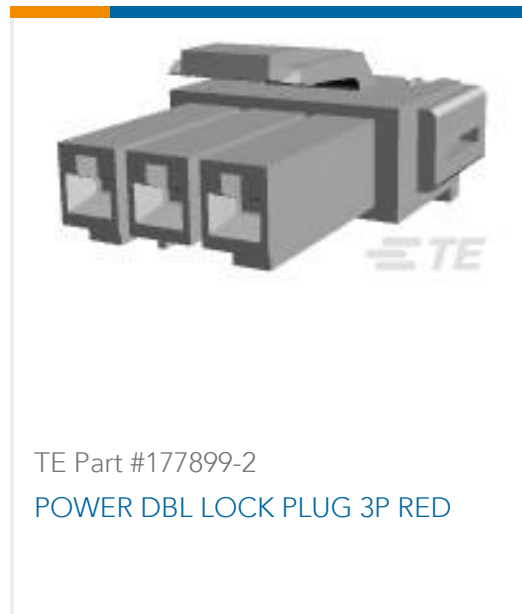
TE Part #917708-1
Signal Double Lock TPA



TE Part #917706-1
2.5 SIGNAL DBL LOCK DLP 10P



TE Part #1746076-1
2.5SDL DBL 14P HSG NAT



TE Part #177899-2
POWER DBL LOCK PLUG 3P RED



TE Part #2108743-1
POWER 2P DBL L/PRO NAT

Documents

Product Drawings

[187 FASTON FLAG REC 20-16 AWG NPST](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_42486-3_DJ.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42486-3_DJ.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42486-3_DJ.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

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

English