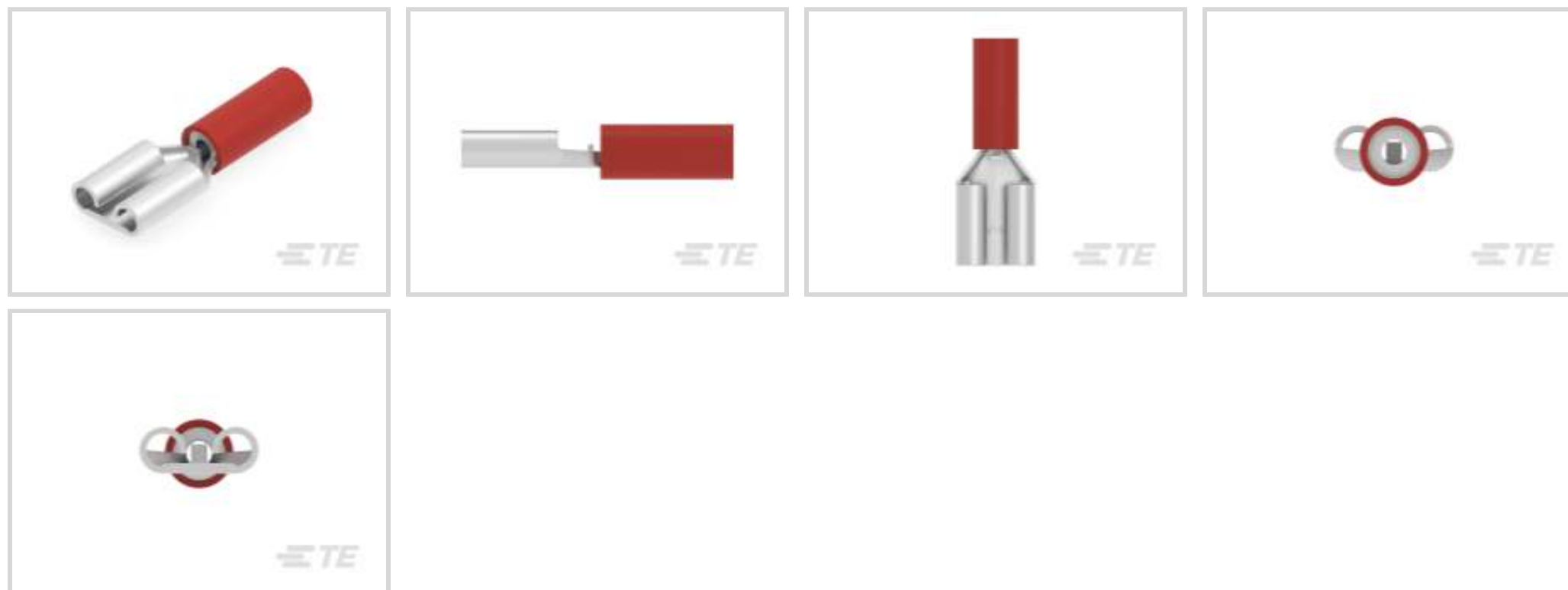




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **509 – 1900 CMA**

Mating Tab Width: **6.35 mm [.25 in]**

## Features

### Product Type Features

|                   |           |
|-------------------|-----------|
| Terminal Features | Wire Stop |
| Insertion Force   | Normal    |

### Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 300 V |
|----------------|-------|

### Body Features

|                     |       |
|---------------------|-------|
| Insulation Material | Nylon |
|---------------------|-------|

### 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      | Tin              |
| Crimp Type                     | Compression      |
| Barrel Type                    | Closed           |



### Termination Features

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

### Mechanical Attachment

|                         |        |
|-------------------------|--------|
| Wire Insulation Support | With   |
| Mating Retention Type   | Dimple |

### Dimensions

|                                      |                 |
|--------------------------------------|-----------------|
| Terminal Material Thickness          | .46 mm[.018 in] |
| Product Length                       | 22.86 mm[.9 in] |
| Compatible Insulation Diameter Range | 3.56 mm[.14 in] |
| Wire Size                            | 509 – 1900 CMA  |

### Usage Conditions

|                             |                     |
|-----------------------------|---------------------|
| Insulation Option           | Partially Insulated |
| Operating Temperature Range | 105 °C[221 °F]      |

### Industry Standards

|                 |                                |
|-----------------|--------------------------------|
| Agency/Standard | CSA, RU (UL Component Program) |
|-----------------|--------------------------------|

### Packaging Features

|                    |              |
|--------------------|--------------|
| Packaging Quantity | 4000         |
| Packaging Method   | Tape Mounted |

### Other

|              |     |
|--------------|-----|
| Barrel Color | Red |
|--------------|-----|

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUNE 2023 (235)<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



REPRESENTATION ONLY

TE Part # 47386-4  
DAHT PG PIDG 26-16 ASSY



TE Part # 58433-3  
PRO CR ASSY, RBY IS9252



TE Part # 58423-1  
DIE, RBY IS9252



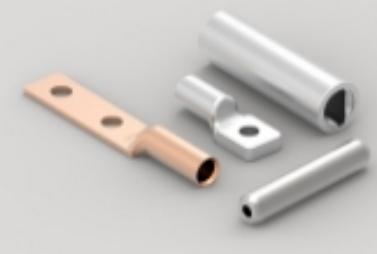
REPRESENTATION ONLY

TE Part # 90035-3  
DAHT PIDG FASTON 22-18 ASSY

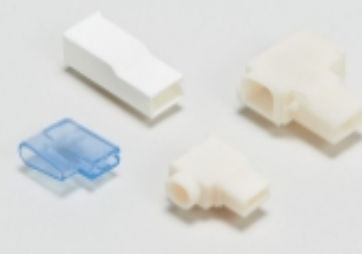


TE Part # 1SET191001R0000  
CRIMP-HT


Also in the Series | **FASTON 250**



Compression Connectors(4)



Crimp Terminal Housings(142)



Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(135)

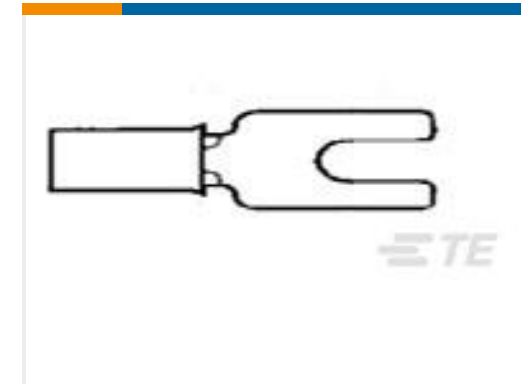
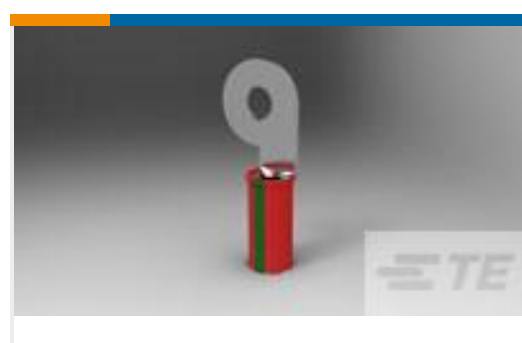


Quick Disconnects(445)



Splices(4)

## Customers Also Bought

TE Part #746603-4  
64 EUROLATCH LEAD FREETE Part #2-34111-3  
SOLIS R 22-16 COMM 22-18 MIL 8TE Part #2-520306-2  
ULTRA-FAST .110/.125 ASY REC 22-18 TPBRTE Part #2-327735-1  
PG SPD 22-16 COMM 22-18 MIL 6TE Part #2-34105-2  
SOLIS R 22-16 COMM 22-18 MIL 6TE Part #52955-3  
TERMINAL,PG SPR SPD 16-14 6TE Part #5-1609969-1  
KEH 16A 2S SP DELTA BS 520VACTE Part #2-36149-2  
PIDG R 22-16 COM 22-18 MIL 6TE Part #52284-4  
TERMINAL,PIDG R OFS IR 22 6TE Part #EP22416001  
RNF-100-3/32-BK-58MM

## Documents

### Product Drawings

[RECEPT,PIDG FASTON 22-18 250](#)

English

### CAD Files

[3D PDF](#)

English

### Customer View Model

[ENG\\_CVM\\_640903-2\\_J1.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_640903-2\\_J1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_640903-2\\_J1.3d\\_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_640903-2\\_J.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_640903-2\\_J.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_640903-2\\_J.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[PIDG\\_FASTON](#)

English

[Ultra-Fast and Ultra Fast Plus](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[MD\\_640903-2\\_05042018824\\_dmtec](#)

English

[MD\\_640903-2\\_05042018824\\_dmtec](#)

English

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### Agency Approvals

[UL Report](#)

English