



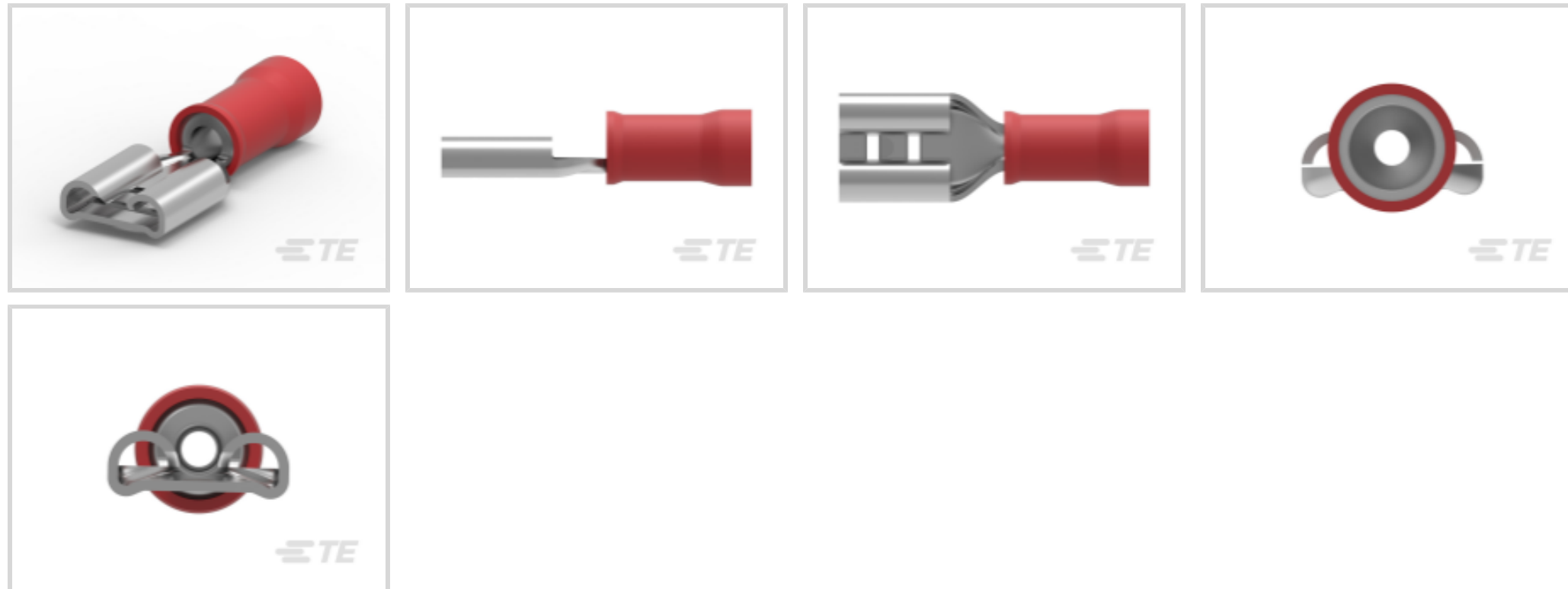
PIDG

TE Internal #: 640903-1

Quick Disconnects, Receptacle, 22 – 18 AWG Wire Size, .26 – .96 mm² Wire Size, 509 – 1900 CMA Wire Size, Mating Tab Width .25 in [6.35 mm], PIDG

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Terminals & Splices > Quick Disconnects > PIDG FASTON Receptacle Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **509 – 1900 CMA**

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

[All PIDG FASTON Receptacle Quick Disconnects \(25\)](#)

Features

Product Type Features

| | |
|-----------------|--------------|
| Terminates To | Wire & Cable |
| Wire Stop | Yes |
| Insertion Force | Normal |
| Sealable | No |

Electrical Characteristics

| | |
|---------------|-------|
| Voltage (Max) | 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 |

Mechanical Attachment

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

Dimensions

| | |
|--|-----------------|
| Accepts Wire Insulation Diameter Range | 3.56 mm[.14 in] |
| Receptacle Terminal Stock Thickness | .46 mm[.018 in] |
| Overall Length | 22.86 mm[.9 in] |
| Wire Size | 509 – 1900 CMA |

Usage Conditions

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

Industry Standards

| | |
|---------------------------|----------|
| RU (UL Component Program) | Approved |
| CSA Certified | Yes |

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 1000 |
| Packaging Method | Loose Piece |

Other

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

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

| | | | |
|--|--|--|--|
|  <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |  <p>TE Part # 47386-4 DAHT PG PIDG 26-16 ASSY</p> |  <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p> |  <p>TE Part # 58423-1 DIE, RBY IS9252</p> |
|  <p>TE Part # 90035-3 DAHT PIDG FASTON 22-18 ASSY</p> |  <p>TE Part # 1SET191001R0000 CRIMP-HT</p> |  <p>TE Part # 1SET191002R0000 TET CRIMP-HT</p> | |

Also in the Series | PIDG

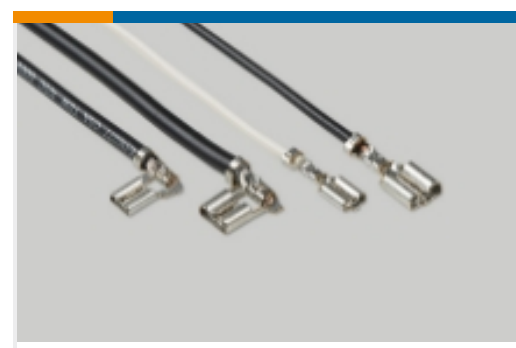
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|  <p>Compression Connectors(17)</p> |  <p>Crimp Terminal Housings(1)</p> |  <p>Crimp Wire Pins, Tabs & Ferrules(41)</p> |  <p>Hand Crimping Tools(2)</p> |
|---|---|---|---|



Knife Disconnects(11)



PCB Terminals(9)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(861)



Special Purpose Terminals(1)



Splices(48)

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_640903-1_J1.2d_dxf.zip](#)

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Customer View Model

[ENG_CVM_640903-1_J1.3d_igs.zip](#)

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Customer View Model

[ENG_CVM_640903-1_J1.3d_stp.zip](#)

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[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_640903-1_J.2d_dxf.zip](#)

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English

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Datasheets & Catalog Pages

[PIDG_FASTON](#)

English

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

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[PIDG TERMINALS & SPLICES Quick Reference Guide](#)

English

Product Specifications

[Application Specification](#)

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Product Environmental Compliance

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Agency Approvals

[UL Report](#)

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