

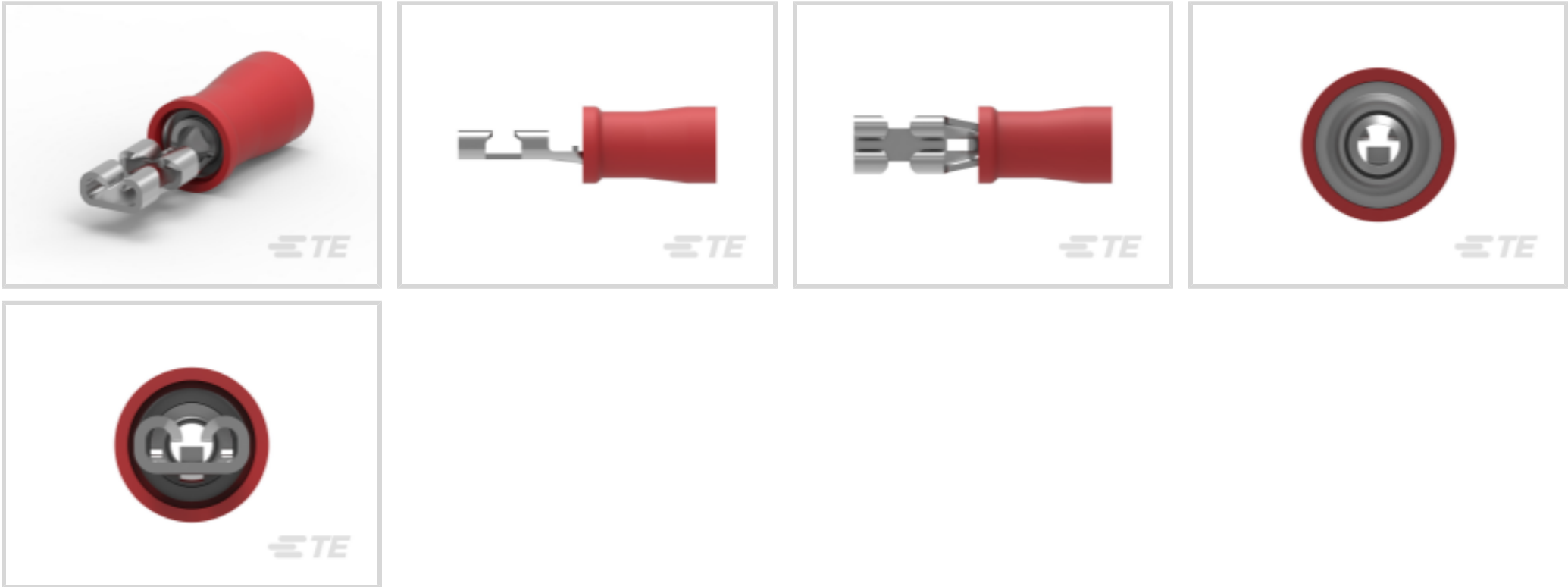


PIDG

TE Internal #: 640923-1  
Quick Disconnects, Receptacle, 22 - 18 AWG Wire Size, .26 - .96 mm² Wire Size, 509 - 1900 CMA Wire Size, Mating Tab Width 2.79 mm [.11 in], PIDG

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects > PIDG LOW INSERTION FORCE FASTON RECPT



Quick Disconnect Terminal Type: **Receptacle**  
Wire Size: **509 - 1900 CMA**  
Mating Tab Width: **2.79 mm [.11 in]**

[All PIDG LOW INSERTION FORCE FASTON RECPT \(6\)](#)

Features

Product Type Features

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

Body Features

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

Contact Features

|                                |                 |
|--------------------------------|-----------------|
| Quick Disconnect Terminal Type | Receptacle      |
| Mating Tab Width               | 2.79 mm[.11 in] |
| Mating Tab Thickness           | .51 mm[.02 in]  |
| Terminal Orientation           | Straight        |
| Contact Base Material          | Brass           |
| Terminal Plating Material      | Pre-Tin         |
| Crimp Type                     | Compression     |
| Barrel Type                    | Closed          |

Termination Features



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

Mechanical Attachment

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

Dimensions

|                                      |                  |
|--------------------------------------|------------------|
| Terminal Material Thickness          | .41 mm[.016 in]  |
| Product Length                       | 20.36 mm[.8 in]  |
| Compatible Insulation Diameter Range | 3.43 mm[.135 in] |
| Wire Size                            | 509 - 1900 CMA   |

Usage Conditions

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

Industry Standards

|                                           |                                |
|-------------------------------------------|--------------------------------|
| Compatible With Agency/Standards Products | CSA, RU (UL Component Program) |
|-------------------------------------------|--------------------------------|

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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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 # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY

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

TE Part # 8-640923-1  
RECEPT,PIDG FASTON 22-18 110

TE Part # 1SET191002R0000  
TET CRIMP-HT

Also in the Series | PIDG

Compression Connectors(17)

Crimp Terminal Housings(1)

Crimp Wire Pins, Tabs & Ferrules(41)

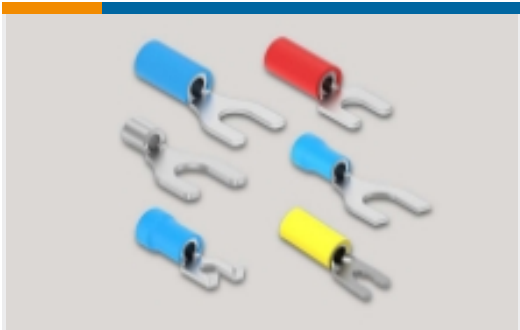
Hand Crimping Tools(2)

Knife Disconnects(11)

PCB Terminals(5)

Quick Disconnects(47)

Ring Terminals(589)



Spade Terminals(230)



Special Purpose Terminals(1)

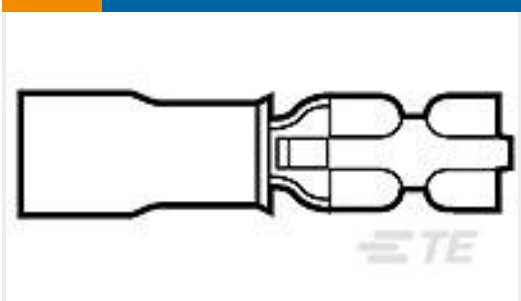


Splices(43)

Customers Also Bought



TE Part # 2-6609129-1  
SEFM1=F8092



TE Part # 640929-1  
RECEPT,PIDG FASTON 16-14 110



TE Part # 6609017-5  
3EC1=F7282 S0



TE Part # 1879455-7  
TE 1500W 3R3 5% Bracket



TE Part # 213427-1  
RECPT HSG,3PWR,12 SGNL,METRI



TE Part # 647845-4  
SERIES 50 HOUSING,GRAY



TE Part # LL01-1AB04  
LL01 1/2" NPT 48" CABLE 80C



TE Part # 2083112-5  
CABLE ASSY IND. USB-IND. USB TYPE A

Documents

Product Drawings

RECEPT,PIDG FASTON 22-18 110

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_640923-1\_H1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_640923-1\_H1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_640923-1\_H1.3d\_stp.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_640923-1\\_G.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_640923-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_640923-1\\_G.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[PIDG\\_FASTON](#)

English

Ultra-Fast and Ultra Fast Plus

English

[PIDG Terminals and Splices Quick Reference Guide](#)

English

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

English

[Standard Terminals & Splices](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English