

640903-1 ✓ ACTIVE



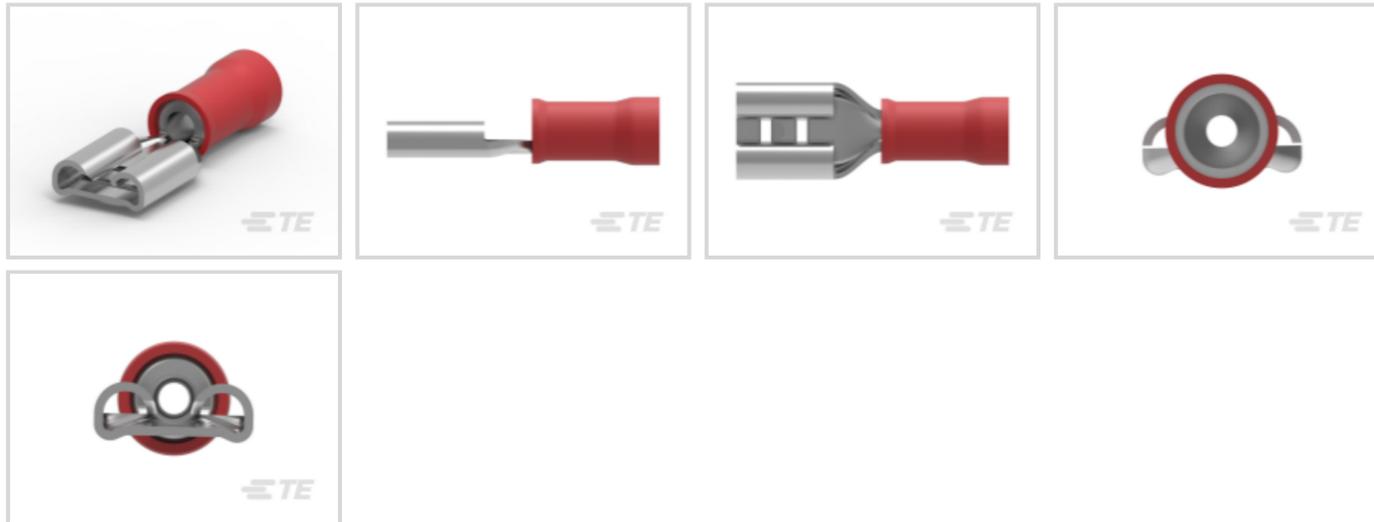
PIDG

TE Internal #: 640903-1

Quick Disconnect Receptacle, Partially Insulated, 22 – 18 AWG, .26
– .96 mm² Wire, 509 – 1900 CMA, 6.35 mm [.25 in] Tab Width,
Compression Crimp, PIDG

[View on TE.com >](#)

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 \(21\)](#)

Features

Product Type Features

| | |
|------------------------------------|-----------|
| Compatible With Discrete Wire Type | Stranded |
| Terminal Features | Wire Stop |
| Insertion Force | Normal |

Configuration Features

| | |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
| Connection Capacity | Single |

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 Crimp |
| Barrel Type | Closed |

Termination Features

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

Mechanical Attachment

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

Dimensions

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

Usage Conditions

| | |
|-------------------|---------------------|
| Insulation Option | Partially Insulated |
|-------------------|---------------------|

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: JUNE 2025
(250)

Candidate List Declared Against: JUNE
2025 (250)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F < 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 # 90035-3
DAHT PIDG FASTON 22-18 ASSY



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



TE Part # 58423-1
DIE, RBY IS9252



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

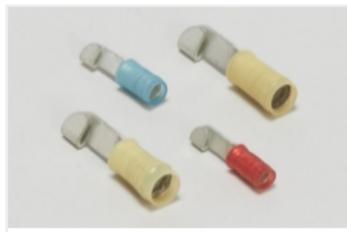
Also in the Series | PIDG



Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



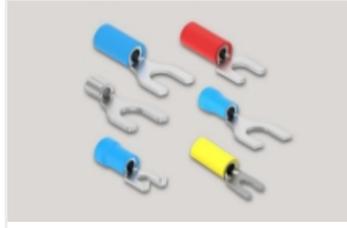
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(589)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

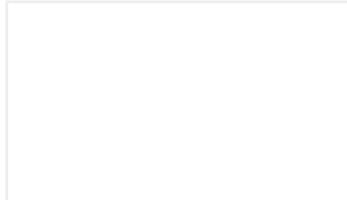
Customers Also Bought



TE Part #EG4536-000
SHF260-0113-18-9



TE Part #112981-000
RNF-100-3/8-25-BLK



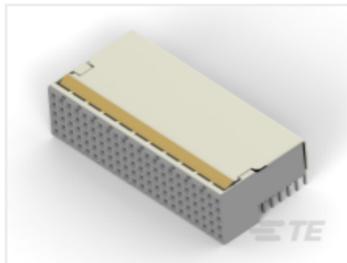
TE Part #AAB2221-00
91H1-19-18-1-B-HE400



TE Part #5-104450-5
06 MTE HDR SRST LATCH W/HLDWN



TE Part #8-324608-1
PIDG SPD FLG22-16COM22-18MIL2



TE Part #3-352152-0
Z-PACK/B F-HDR 110P



TE Part #770266-1
02P .093 COMM P&S RECPT .248CL



TE Part #1-103688-0
11 MTE RCPT HSG SR PLAIN .100



TE Part #1SNS420001Z2334
UD-XT7211

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](#)

English

Customer View Model

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

English

Customer View Model

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

English

3D PDF

3D

Customer View Model

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

English

Customer View Model

[ENG_CVM_CVM_640903-1_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_640903-1_J.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

PIDG_FASTON

English

Ultra-Fast and Ultra Fast Plus

English

PIDG TERMINALS & SPLICES Quick Reference Guide

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals



[UL Report](#)

English