# 8-640907-1 ✔ ACTIVE

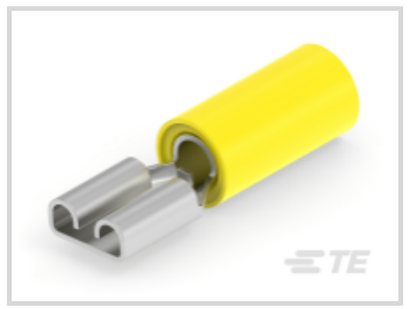
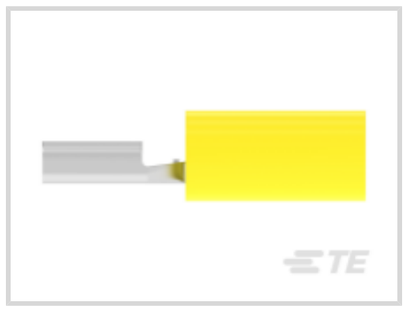
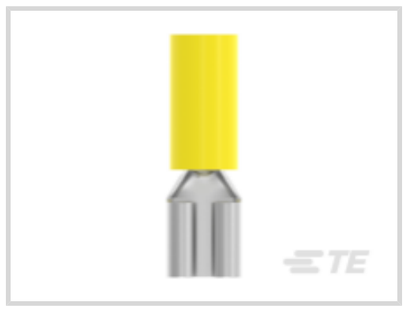
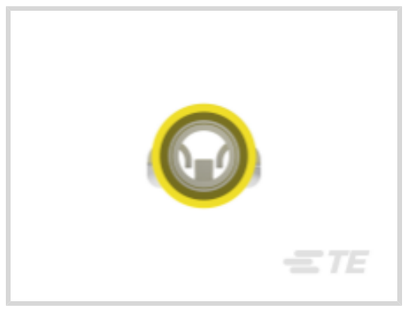
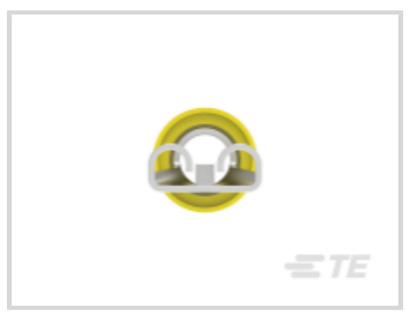
FASTON | FASTON 250

TE Internal #: 8-640907-1

Quick Disconnects, Receptacle, 12 – 10 AWG Wire Size, 2.62 – 6.64 mm² Wire Size, 5180 – 13100 CMA Wire Size, FASTON 250

View on TE.com >

Terminals & Splices > Quick Disconnects

Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **5180 – 13100 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 | 25.75 mm[1.012 in] |
| Compatible Insulation Diameter Range | 6.35 mm[.25 in] |
| Wire Size | 5180 – 13100 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 | 100 |
| Packaging Method | Loose Piece |

## Other

| | |
|---|---|
| Barrel Color | Yellow |

# 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 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



TE Part # 2323802-1
SSRMP-240D25 = Mini Puck,25A,240V AC



TE Part # 2323802-4
SSRMP-480D25 = Mini Puck,25A,480V AC



TE Part # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 2323802-7
SSRMP-240D25R = Mini Puck,25A, 240V AC,R



TE Part # 1-2323802-1
SSRMP SERES,Mini Puk,25A,480VAC,R-DC I/P



TE Part # 1SET191002R0000
TET CRIMP-HT

## Also in the Series | FASTON 250



Compression Connectors(4)



Crimp Terminal Housings(142)



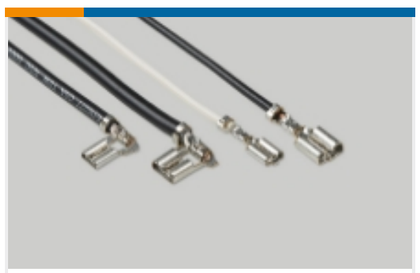
Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(135)

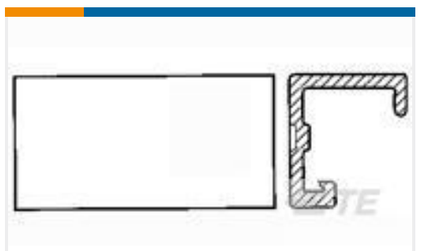


Quick Disconnects(445)

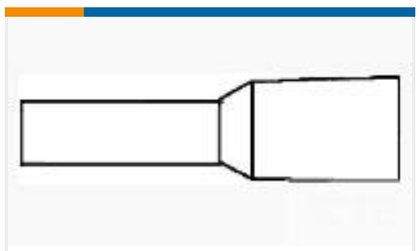


Splices(4)

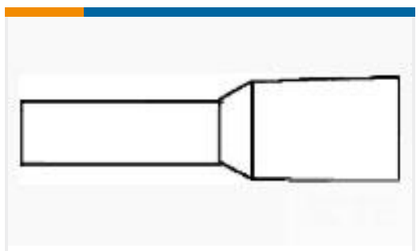
## Customers Also Bought



TE Part #1-640550-4
14P MTA100 COVER



TE Part #966066-4
FER,WIRE,PL SLV,.34/22,L8,TURQOISE, LP



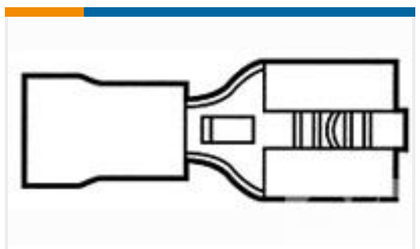
TE Part #966066-2
FER,WIRE,PL SLV,.25/24,L8,LIGHT-BLUE,LP



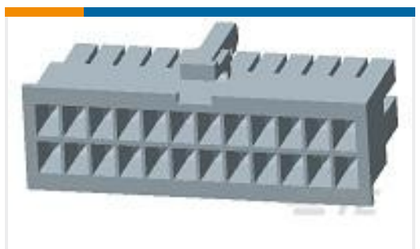
TE Part #324048
TERMINAL,T-N R 6 5/16



TE Part #8-640919-1
RECEPT,PIDG FASTON 16-14 187



TE Part #8-640905-1
RECEPT,PIDG FASTON 16-14 250



TE Part #1969614-4
4P RCPT VAL-U-LOK V0



TE Part #41484
250 FASTON TAB TPBR



TE Part #11106936-00
50 PSIA, 1/8 NPT female (Panel Mount), 1

## Documents

### Product Drawings

RECEPT,PIDG FASTON 12-10 250

English

### CAD Files

Customer View Model

ENG_CVM_CVM_8-640907-1_J.2d_dxf.zip

English

3D PDF

## 3D

### Customer View Model

ENG_CVM_CVM_8-640907-1_J.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_8-640907-1_J.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### Application Specification

English

## Product Environmental Compliance

### Product Compliance Document

English

### Product Compliance Document

English

## Agency Approvals

### CSA Certificate

English