

8-640909-1 ✓ ACTIVE

FASTON | FASTON 205

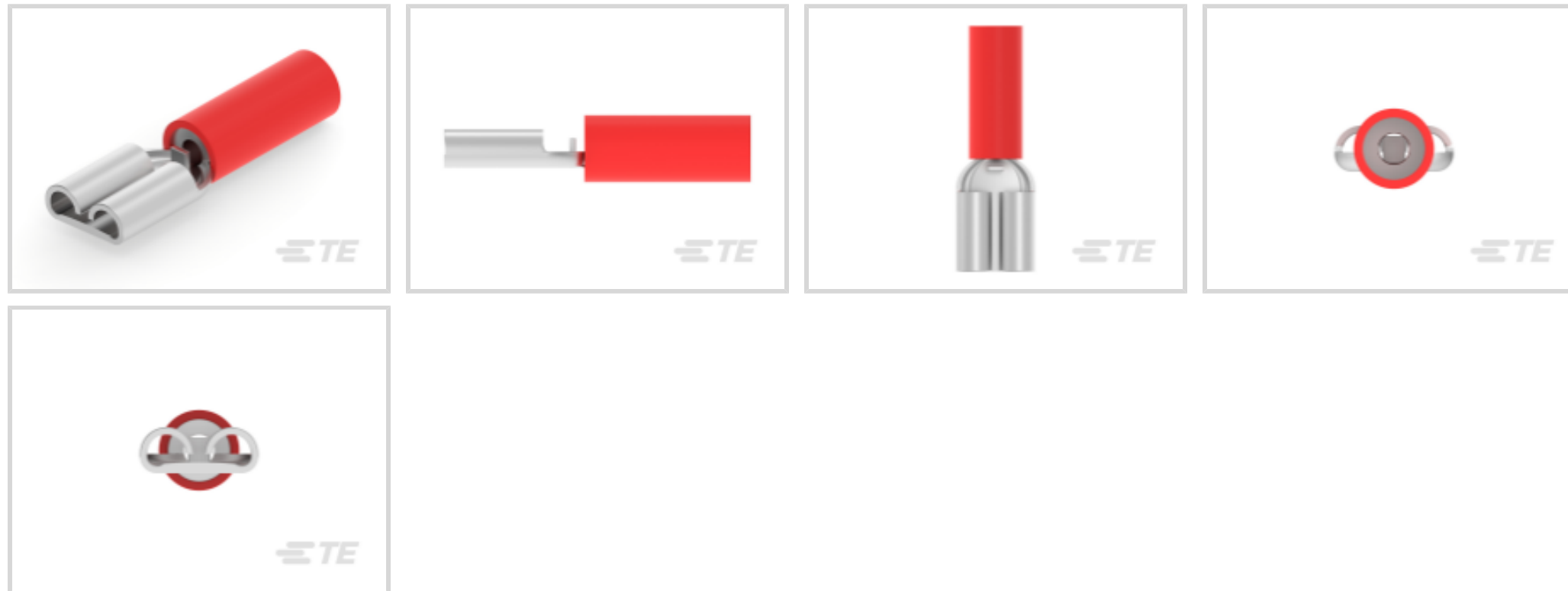
TE Internal #: 8-640909-1

Quick Disconnects, Receptacle, 22 – 18 AWG Wire Size, .26 – .96 mm<sup>2</sup> Wire Size, 509 – 1900 CMA Wire Size, FASTON 205

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **509 – 1900 CMA**

Mating Tab Width: **5.21 mm [ .205 in ]**

## Features

### Product Type Features

Terminal Features	Wire Stop
Insertion Force	Normal

### Electrical Characteristics

Voltage Rating	300 V
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### Body Features

Insulation Material	Nylon
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### Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	5.21 mm [.205 in]
Mating Tab Thickness	.51 mm [.02 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
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### Mechanical Attachment

Wire Insulation Support	With
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Mating Retention Type	Dimple
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### Dimensions

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

Insulation Option	Partially Insulated
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Operating Temperature Range	105 °C[221 °F]
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### Industry Standards

Agency/Standard	CSA, RU (UL Component Program)
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### Packaging Features

Packaging Quantity	100
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Packaging Method	Loose Piece
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### Other

Barrel Color	Red
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 640909-1  
 RECEPT,PIDG FASTON 22-18 205




TE Part # 640909-2  
 RCPT,PIDG FASTON 22-18 205




TE Part # 1SET162009R0000  
 FO007-500-N-R1


### Also in the Series | FASTON 205



Crimp Terminal Housings(3)



PCB Terminals(10)



Quick Disconnects(35)

### Customers Also Bought



TE Part #640909-1  
 RECEPT,PIDG FASTON 22-18 205



TE Part #2273004-1  
 M8 x 1.0 straight plug Pigtail Shld



TE Part #890113-000  
 S1048-TAPE-1X100-FT



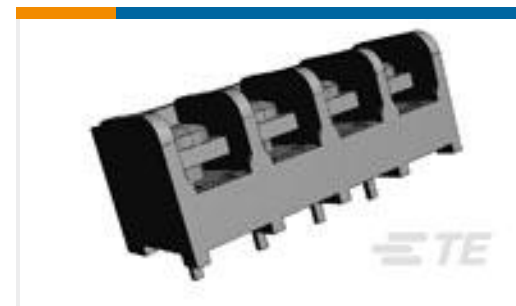
TE Part #2-746610-2  
 014 DIP PLUG 100CL TIN



TE Part #5103308-2  
A/L LOW PRO HDR 14P VERT BLACK



TE Part #34161  
TERMINAL, PG R 16-14 10



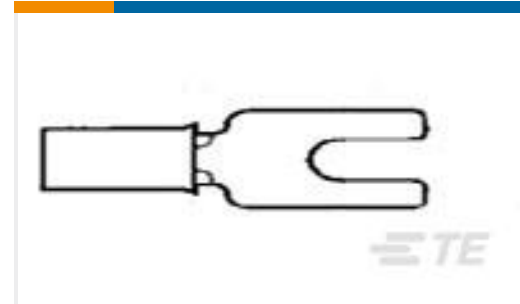
TE Part #6-1437652-7  
6PCV-04-006=6PCV ASSEMBLY



TE Part #1622486-1  
LR1 1% 470R



TE Part #55678-1  
TERM, PG RING 12-10 1/4



TE Part #41589  
SPADE TERMINAL 24-20 AWG TPBR

## Documents

### Product Drawings

[RECEPT, PIDG FASTON 22-18 205](#)

English

### CAD Files

[3D PDF](#)

English

**Customer View Model**

[ENG\\_CVM\\_8-640909-1\\_F.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_8-640909-1\\_F.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_8-640909-1\\_F.3d\\_stp.zip](#)

English

[3D PDF](#)

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_8-640909-1\\_E.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_8-640909-1\\_E.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_8-640909-1\\_E.3d\\_stp.zip](#)

English



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### Product Specifications

#### Application Specification

English

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### Agency Approvals

#### CSA Certificate

English