

170180-2 ✓ ACTIVE

FASTON | FASTON 205

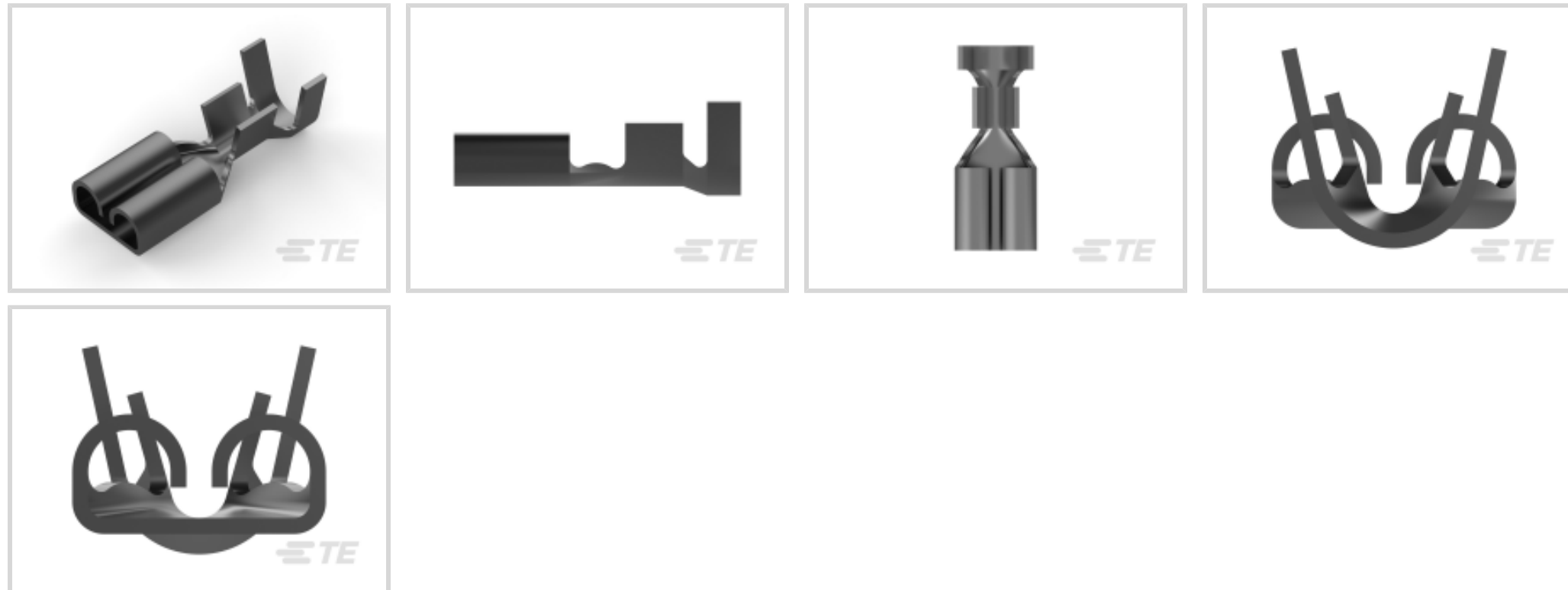
TE Internal #: 170180-2

Quick Disconnects, Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm² Wire Size, Mating Tab Width 5.21 mm [.205 in], Straight, Brass, FASTON 205

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 mm²**

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

Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

Insertion Force	Normal
-----------------	--------

Configuration Features

Connection Capacity	Single
---------------------	--------

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

Contact Features

Quick Disconnect Terminal Type	Receptacle
--------------------------------	------------

Mating Tab Width	5.21 mm [.205 in]
------------------	-------------------

Mating Tab Thickness	.81 mm [.032 in]
----------------------	------------------

Terminal Orientation	Straight
----------------------	----------

Contact Base Material	Brass
-----------------------	-------

Terminal Plating Material	Tin
---------------------------	-----

Crimp Type	F-Crimp
------------	---------

Barrel Type	Open
-------------	------

Termination Features



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

Mechanical Attachment

Extraction Force	19.6 – 68.6 Newton
------------------	--------------------

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

Mating Retention Type	Dimple
-----------------------	--------

Dimensions

Terminal Material Thickness	.41 mm[.016 in]
-----------------------------	-----------------

Product Length	16.8 mm[.661 in]
----------------	------------------

Compatible Insulation Diameter Range	3.6 mm[.141 in]
--------------------------------------	-----------------

Wire Size	.82 – 2.08 mm ²
-----------	----------------------------

Usage Conditions

Insulation Option	Uninsulated
-------------------	-------------

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
-----------------------------	----------------------------

Industry Standards

Agency/Standard	CSA, UL
-----------------	---------

Packaging Features

Packaging Quantity	1000
--------------------	------

Packaging Method	Loose Piece/Carton
------------------	--------------------

Other

Line	Premier
------	---------

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) Candidate List Declared Against: JUNE 2023 (235) 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 # 63699-1
ADAPTER 187 FASTON TPBR



TE Part # 1742597-1
ADAPTER, FASTON, 250 REC, 187 TAB, BR




TE Part # 152422-1
250 FASTON, TAB, ADAPTER, BR




TE Part # 409774-1
DAHT FASTON 18-14 ASSY


Also in the Series | FASTON 205



Crimp Terminal Housings(3)



PCB Terminals(10)



Quick Disconnects(35)

Customers Also Bought



TE Part #1394026-1
FLA-STE-GEH9,5MM 2P



TE Part #35183
TERMINAL, SOLIS R 2 5/16



TE Part #794615-6
PANEL MT DBL ROW HSG 6 POS



TE Part #350918-3
UMNL PIN 18-14 PTPPHBZ



TE Part #928947-2
FF 250 TAB 17-13 AWG .016 TPBR



TE Part #165399-1
SHUR PLUG REC.ASSY.



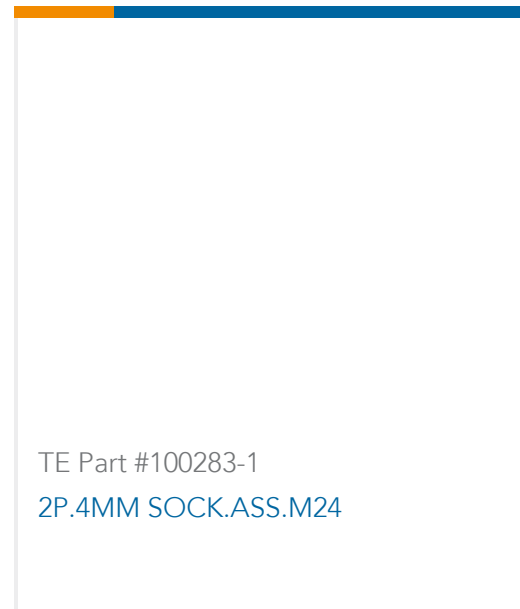
TE Part #927835-2
SPT REC 6.3 Contact SWS Sn



TE Part #880398-2
FUSE CONTACT



TE Part #1-1452424-1
BLIND PLUG FOR MCON 1.2 CB (0,



TE Part #100283-1
2P.4MM SOCK.ASS.M24

Documents

Product Drawings

[205 FASTON,REC.,18-14 AWG,TPBR](#)

Japanese

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_170180-2_A_c-170180-2-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170180-2_A_c-170180-2-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170180-2_A_c-170180-2-a.3d_stp.zip](#)

English

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

Product Specifications

[Wire Preparation And Crimp Inspection Guide](#)

English

[.205 SERIES FASTON RECEPTACLE](#)

English

[.205 SERIES FASTON RECEPTACLE](#)

Japanese

[Product Specification](#)

English

170180-2

Quick Disconnects, Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm² Wire Size,
Mating Tab Width 5.21 mm [.205 in], Straight, Brass, FASTON 205



Product Specification

Japanese