

42486-2 ✓ ACTIVE

FASTON | FASTON 187

TE Internal #: 42486-2

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Flag, Brass, FASTON 187

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.31 mm²

Mating Tab Width: 4.75 mm [.187 in]

Mating Tab Thickness: .51 mm [.02 in]

Features

Product Type Features

Insertion Force	Low
-----------------	-----

Configuration Features

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

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

Contact Features

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

Mating Tab Width	4.75 mm [.187 in]
------------------	-------------------

Mating Tab Thickness	.51 mm [.02 in]
----------------------	-----------------

Terminal Orientation	Flag
----------------------	------

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

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

Crimp Type	Tab-Lok
------------	---------

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

Termination Features



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

Mechanical Attachment

	.035 in
--	---------

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

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

Dimensions

Terminal Material Thickness	.3 mm [.012 in]
-----------------------------	-----------------

Product Length	13.46 mm [.53 in]
----------------	-------------------

Compatible Insulation Diameter Range	2.79 – 4.32 mm [.11 – .17 in]
--------------------------------------	-------------------------------

Wire Size	.51 – 1.31 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	6000
--------------------	------

Packaging Method	Strip/Reel
------------------	------------

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: JAN 2023 (233) 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 # 1217027-1
187 FASTON, FLAG, REC., 18-14 AWG, TPBR



TE Part # 1-687392-9
HB 9EAPR140T1400 G



TE Part # 1855654-1
HDM/FA HBEMPO140T1400 LM CUT



TE Part # 565501-1
STD HBEMPR140T1400K

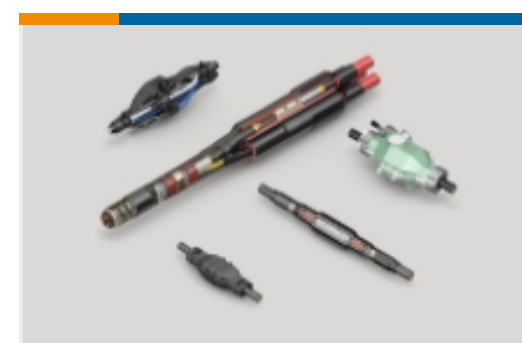
Also in the Series | FASTON 187



Crimp Terminal Housings(42)



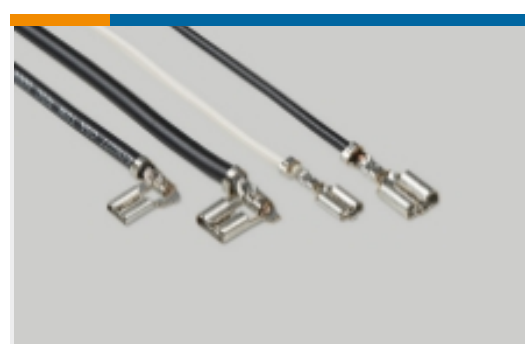
Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)



Quick Disconnects(209)



Splices(1)

Customers Also Bought



TE Part #2132781-8
08P EP-II HOUSING, NATURAL



TE Part #41531
250 FASTON FLAG REC 18-12 AWG BR



TE Part #521586-2
ULTRA-POD 187 ASSY REC 18-16 AWG TPBR



TE Part #690715-1
INSULATION CRIMPER



TE Part #794742-1
12P UMNL PLUG HSG NATL



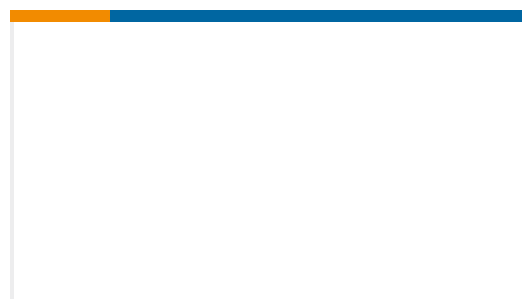
TE Part #2029387-1
04P UMNL SHORT LATCH PLUG V0



TE Part #2029457-1
06P UMNL PLUG RED S-LATCH VO



TE Part #2151123-1
OCEAN_2.0_Applicator-S-062F1300



TE Part #684905-1
PLATE, BASE



TE Part #692134-7
POSITIONER, TERM. (.200) 42199

Documents

Product Drawings

[187 FASTON FLAG REC 20-16 AWG TPBR](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_42486-2_DJ.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_42486-2_DJ.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42486-2_DJ.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

[82004 FASTON Terminals \(Insulated and Uninsulated\) Catalog - FASTON Receptacles Section](#)

English

[Product Specifications](#)

[Application Specification](#)

English

[Product Environmental Compliance](#)

[MD_42486-2_101320172311_dmtec](#)

English

[MD_42486-2_101320172311_dmtec](#)

English

[Agency Approvals](#)

[CSA Certificate](#)

English

[CSA Certificate](#)

English