

62181-1 ✓ ACTIVE

FASTON | FASTON 187

TE Internal #: 62181-1

Quick Disconnects, Receptacle, 24 – 20 AWG Wire Size, .2 – .51 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Brass, FASTON 187

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .2 – .51 mm²

Mating Tab Width: 4.75 mm [.187 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	4.75 mm [.187 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

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

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

Dimensions

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

Product Length	16.51 mm[.65 in]
----------------	------------------

Compatible Insulation Diameter Range	1.02 – 1.78 mm[.04 – .07 in]
--------------------------------------	------------------------------

Wire Size	.2 – .51 mm ²
-----------	--------------------------

Usage Conditions

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

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

Industry Standards

Agency/Standard	UL
-----------------	----

Packaging Features

Packaging Quantity	20000
--------------------	-------

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

Other

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

Terminals & Splices Comment	UL listed and CSA Certified for 22-20 AWG.
-----------------------------	--

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
-----------------	---

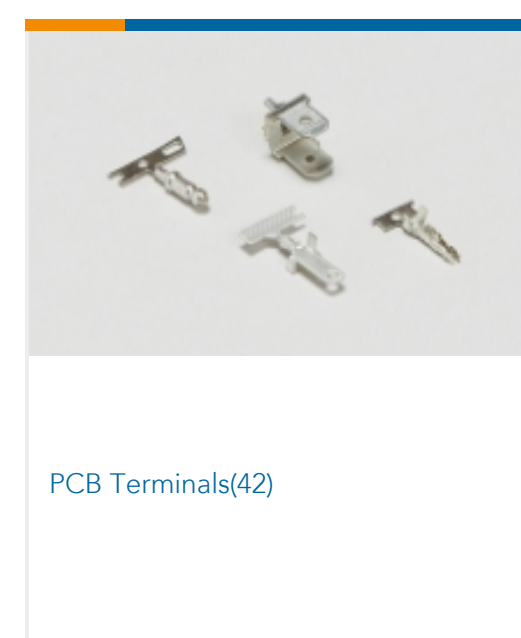
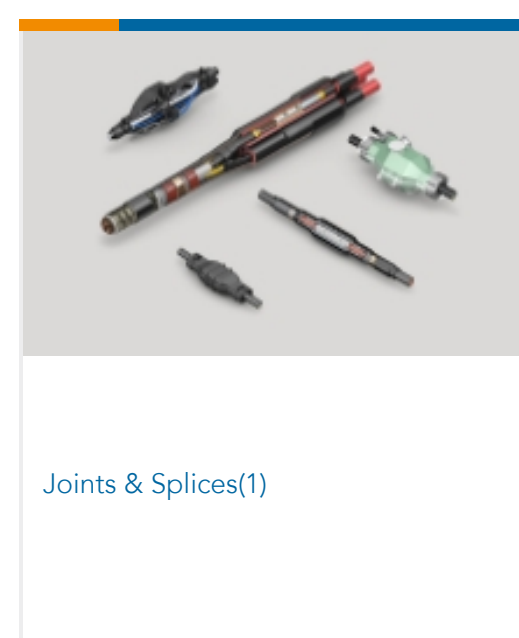
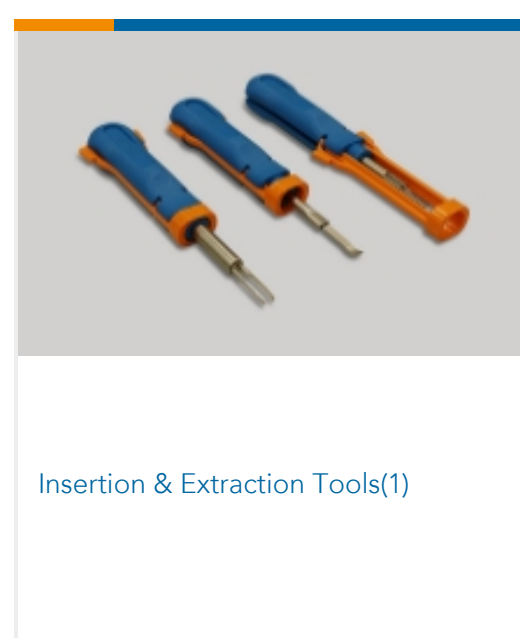
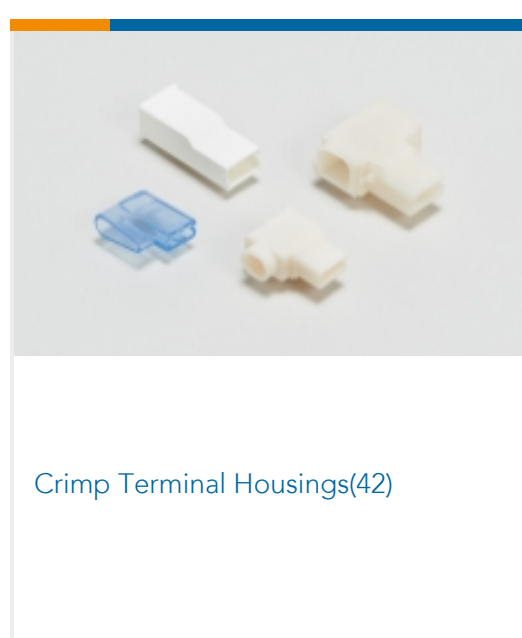
Solder Process Capability

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

Also in the Series | **FASTON 187**

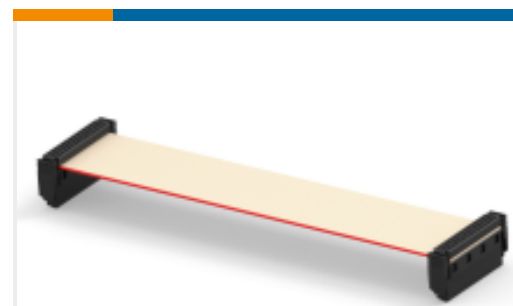
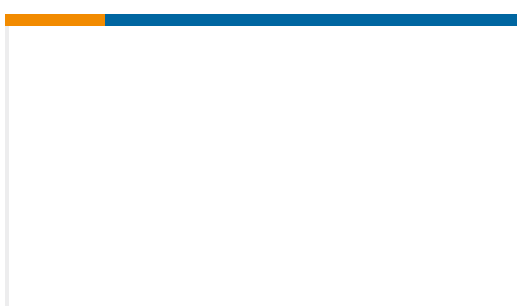


Quick Disconnects(209)



Splices(1)

Customers Also Bought

TE Part #7-1768019-9
ESSW1-025TE Part #2-1761603-5
IDC LOW PRO HDR 14P VERT BLUETE Part #1-1337429-0
BNC Str Plg Hex 75Ohm Silver Pltd
RG59B/TE Part #3-1761603-3
IDC LOW PRO HDR 40P VERT BLUETE Part #4-1437622-6
KN500B1/4=KNOB BLACK KNURL 1/4TE Part #BSA078F05480235000
923 PLUGTE Part #168327-E
IDCCS SMC 1,27 32 * AU AUI 100 PVCTE Part #1337775-4
75 OHM COAX BNC STR PLUG P99-ETE Part #7-1768801-4
LBC-13033

Documents

Product Drawings

[187 FASTON REC 24-20 AWG TPBR](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_62181-1_P.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_62181-1_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62181-1_P.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

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

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_62181-1_0207201808_dmtec](#)

English

[MD_62181-1_0207201808_dmtec](#)

English