

42618-1 ✓ ACTIVE

FASTON | FASTON 187

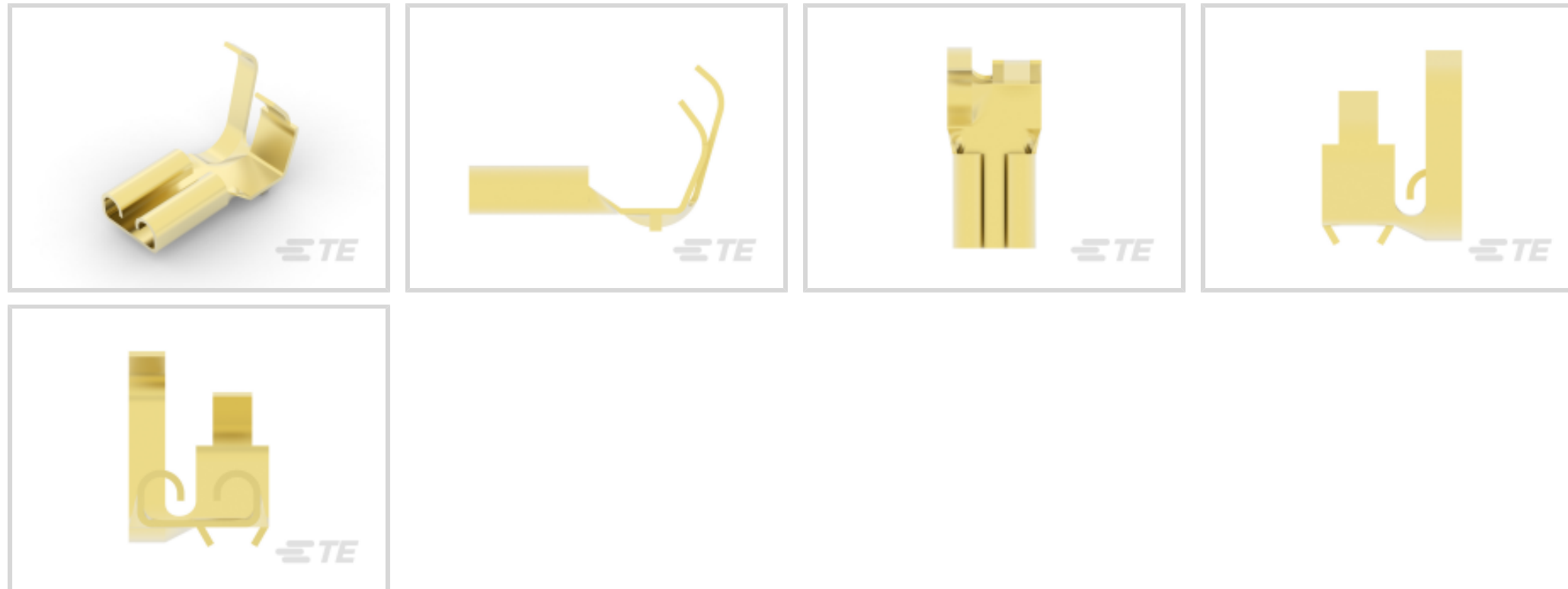
TE Internal #: 42618-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm<sup>2</sup> 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 mm<sup>2</sup>

Mating Tab Width: 4.75 mm [.187 in]

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

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

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

Terminal Plating Material	Unplated
---------------------------	----------

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

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

### Termination Features



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

### Mechanical Attachment

Locking Lance Height	.89 mm[.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 <sup>2</sup>
-----------	----------------------------

### Usage Conditions

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

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

### Industry Standards

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

### Packaging Features

Packaging Quantity	6000
--------------------	------

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

### Other

Line	Budget
------	--------

### 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 # 60755-1  
187 FASTON FLAG REC 20-16 AWG BR



TE Part # 1-480487-2  
FASTON 187 FLAG HSG NYLON NAT LP



TE Part # 1-42800-2  
187 FASTON,REC.,16-20 AWG,TPBR



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

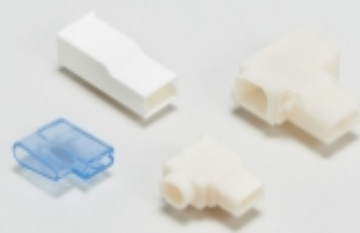


TE Part # 1855654-1  
HDM/FA HBEMPO140T1400 LM CUT




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 #3-640431-4  
04P MTA156 CONN ASSY 18AWG  
ORA



TE Part #5-963716-1  
MOS0,63 Sn tab LL unseal. 0,5-0,75



TE Part #2278045-2  
LVDS CABLE ASSY FOR VOLVO

## Documents

### Product Drawings

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

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_42618-1\\_AJ.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_42618-1\\_AJ.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_42618-1\\_AJ.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

42618-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm<sup>2</sup> Wire Size,  
Mating Tab Width 4.75 mm [.187 in], Flag, Brass, FASTON 187



## Product Environmental Compliance

### TE Material Declaration

English