

170095-1 ✓ ACTIVE

FASTON | FASTON 250

TE Internal #: 170095-1

Receptacle, 22 – 18 AWG Wire Size, .32 – .82 mm<sup>2</sup> Wire Size,  
Mating Tab Width 6.35 mm [.25 in], Straight, FASTON 250, Quick  
Disconnects

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 mm<sup>2</sup>

Mating Tab Width: 6.35 mm [.25 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	6.35 mm [.25 in]
Mating Tab Thickness	.81 mm [.032 in]
Terminal Orientation	Straight
Contact Base Material	Phosphor Bronze
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

### Termination Features

--	--



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

### Mechanical Attachment

Extraction Force	24.5 Newton
------------------	-------------

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

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

### Dimensions

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

Product Length	20.6 mm[.811 in]
----------------	------------------

Compatible Insulation Diameter Range	2.3 – 3.3 mm[.09 – .13 in]
--------------------------------------	----------------------------

Wire Size	.32 – .82 mm <sup>2</sup>
-----------	---------------------------

### Usage Conditions

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

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

### Industry Standards

Compatible With Agency/Standards Products	CSA, UL
---	---------

### Packaging Features

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

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

### 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
--	---

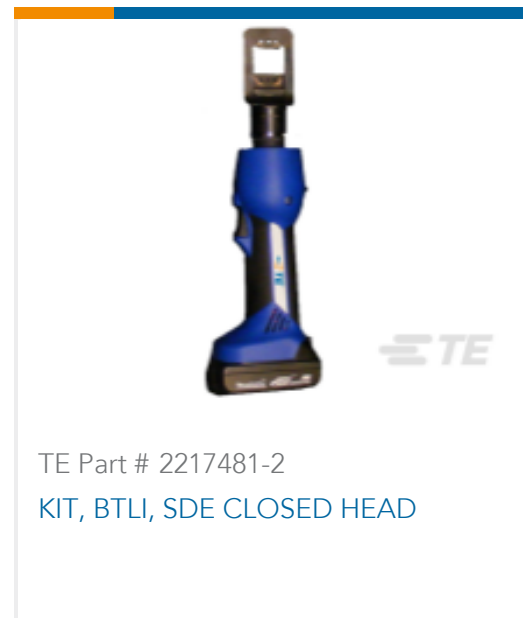
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
-----------------	---

Solder Process Capability	Not applicable for solder process capability
---------------------------	--

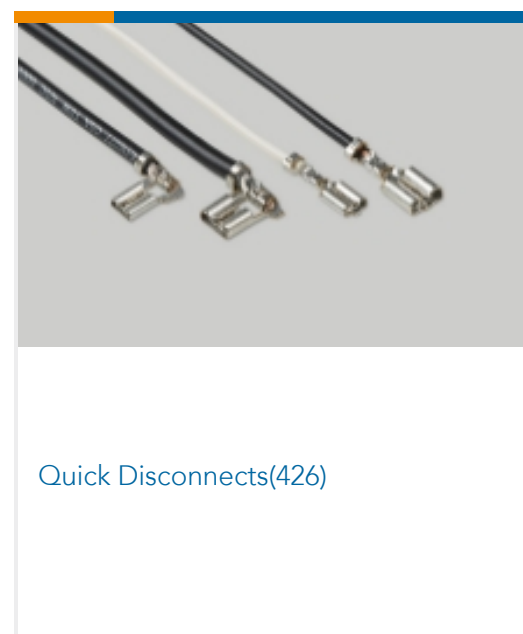
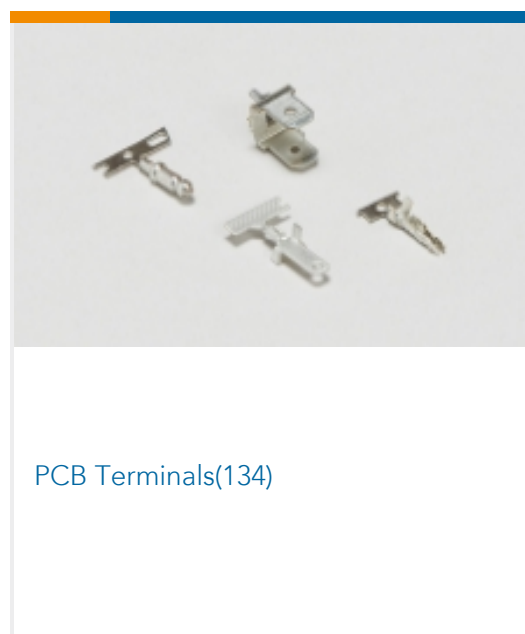
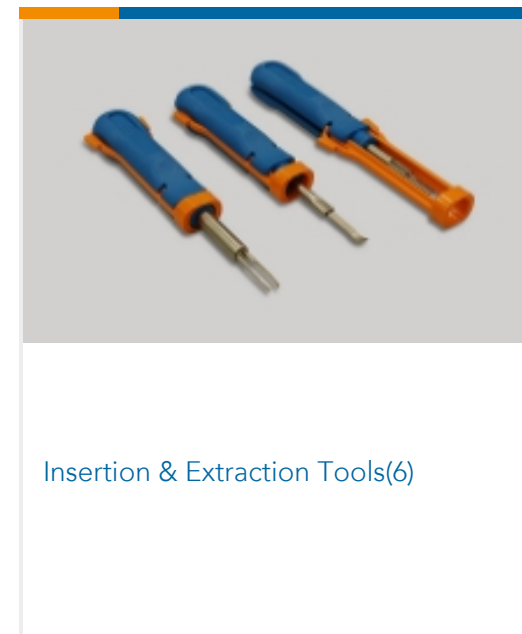
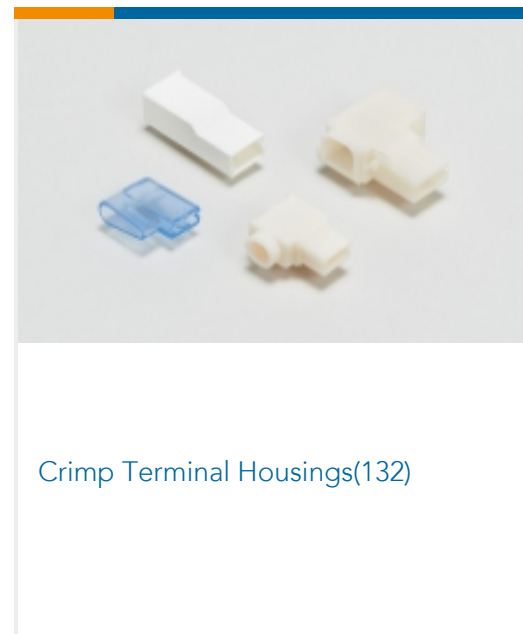
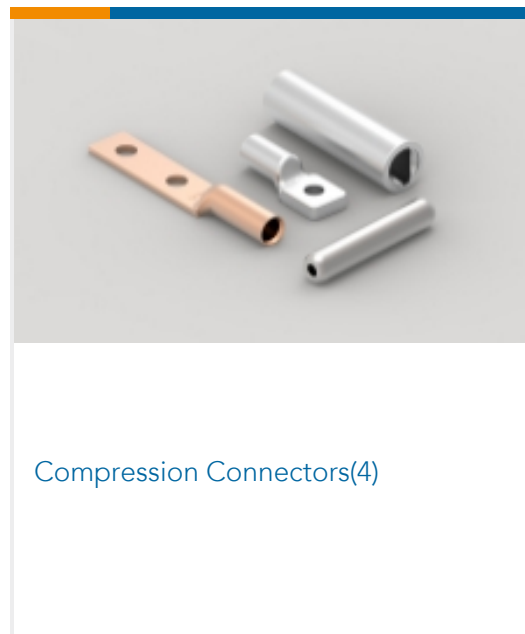
Product Compliance Disclaimer

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 250



## Customers Also Bought



TE Part #91558-1  
CCII D-3 L REC TAB 20-16 ASSY



TE Part #170038-2  
187 FASTON, REC., 20-16 AWG, TPBR



TE Part #34150  
PG R 22-16 COMM 22-18 MIL 1/4



TE Part #34162  
TERMINAL, PG R 16-14 1/4



TE Part #130014  
TERM, R, PG, 22-16, M5



TE Part #9-1633664-2  
CRIMPER, WIRE F



TE Part #174779-1  
PL 110 HOUSING RECEPTACLE



TE Part #1483353-3  
MICRO-MATCH LEAD 10P 250MM



TE Part #170038-4  
187 FASTON, REC., 20-16 AWG, TPPB

## Documents

### Product Drawings

250 FASTON, REC., 22-18 AWG, TPPB

Japanese

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_170095-1\\_B.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_170095-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_170095-1\\_B.3d\\_stp.zip](#)

English

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

### Product Specifications



### Application Specification

English

---

### Agency Approvals

#### UL Report

English