

5-160493-2 ✓ ACTIVE

FASTON | FASTON 187

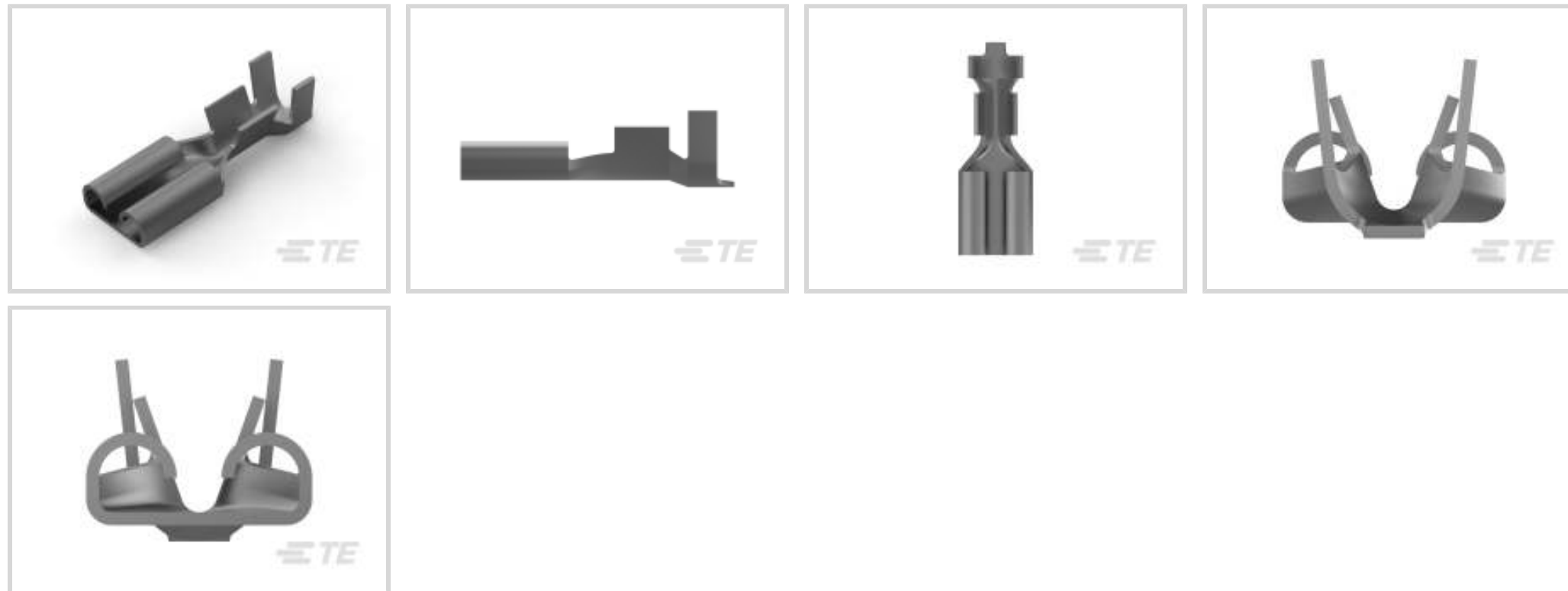
TE Internal #: 5-160493-2

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.65 mm<sup>2</sup> Wire Size, 1021 – 3256 CMA Wire Size, FASTON 187

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **1021 – 3256 CMA**

Mating Tab Width: **4.75 mm [ .187 in ]**

## Features

### Product Type Features

Insertion Force	Normal
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### 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	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

### Termination Features

Product Terminates To	Wire & Cable
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### Mechanical Attachment



Extraction Force	70 Newton
Wire Insulation Support	With
Mating Retention Type	Dimple

### Dimensions

Terminal Material Thickness	.3 mm[.012 in]
Product Length	16 mm[.63 in]
Compatible Insulation Diameter Range	2.3 – 3.3 mm[.09 – .13 in]
Wire Size	1021 – 3256 CMA

### Usage Conditions

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

### Industry Standards

Agency/Standard	UL
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### Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece/Carton

### Other

Line	FASTON .187
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## 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

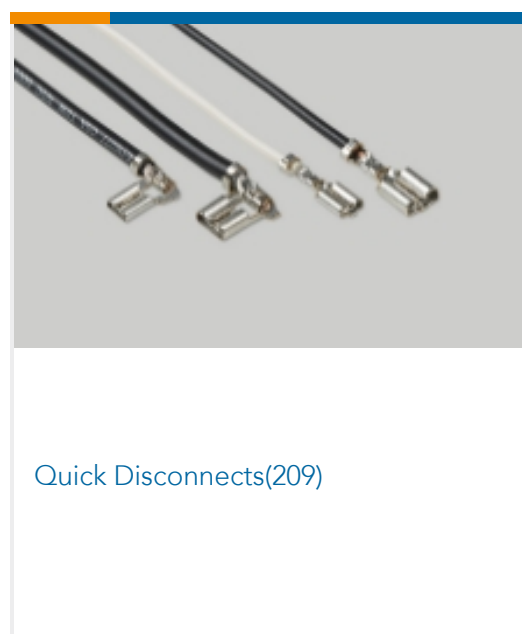
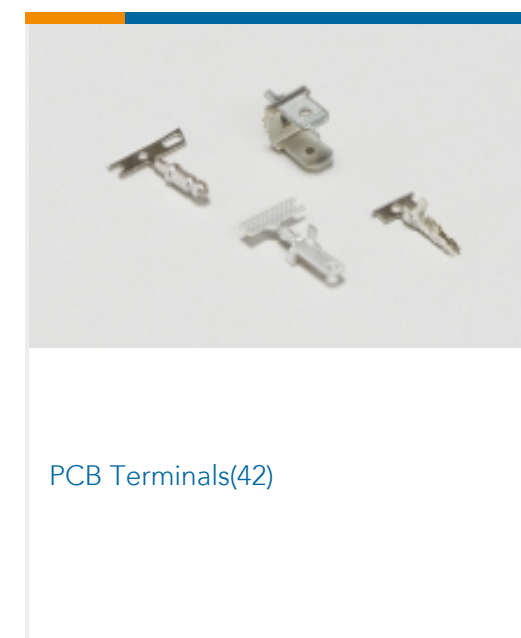
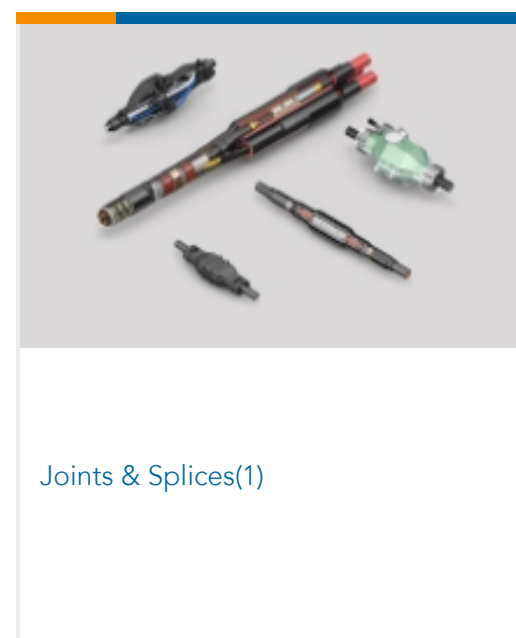
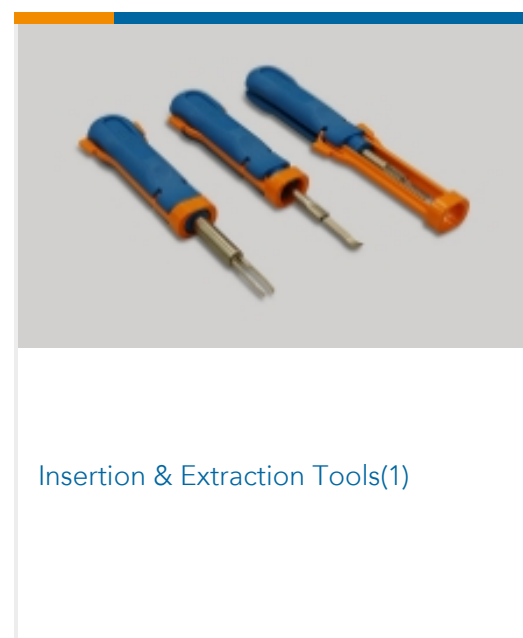
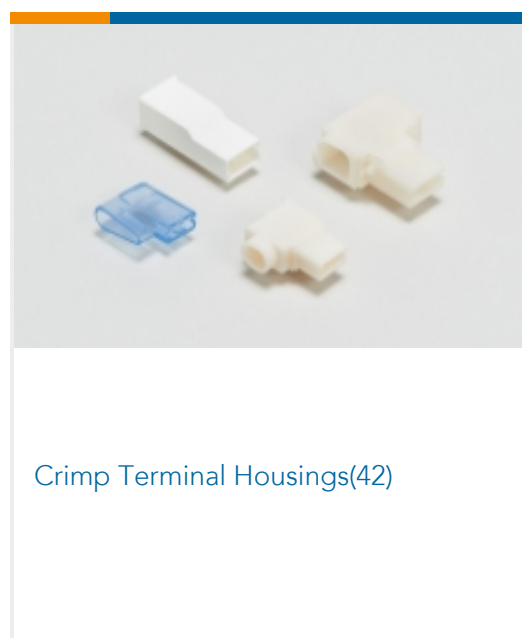
Product Compliance Disclaimer

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>

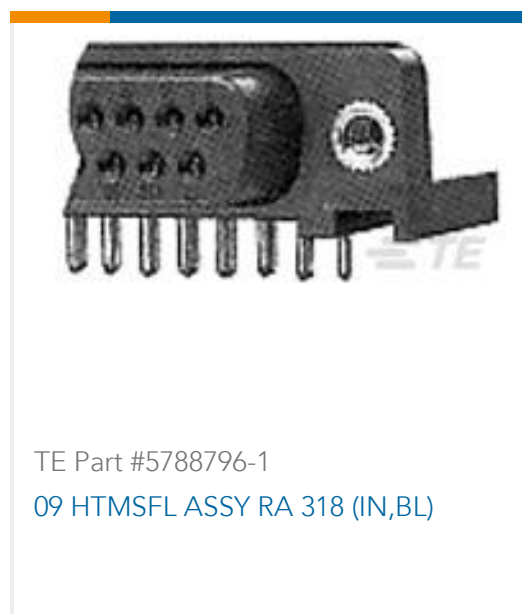
## Compatible Parts



## Also in the Series | FASTON 187



## Customers Also Bought



TE Part #5788796-1  
09 HTMSFL ASSY RA 318 (IN,BL)



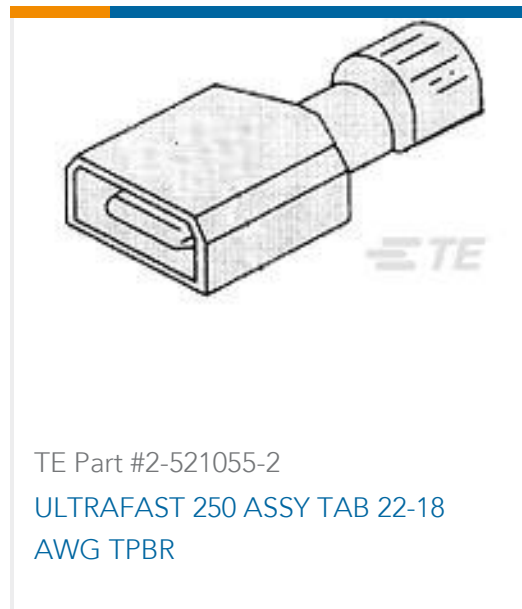
TE Part #215464-4  
04P.MICRO-MATCH MOB



TE Part #292253-2  
CT CONN MT HDR ASSY H 2P NAT



TE Part #173977-4  
CT CONN MT REC ASSY 4P



TE Part #2-521055-2  
ULTRAFast 250 ASSY TAB 22-18  
AWG TPBR



TE Part #DT6P-BT  
BOOT, 6P, REC, ST, GRY



TE Part #280050-2  
250 FASTON, FLAG, REC., 16-20 AWG,  
TPBR



TE Part #480435-1  
187 FASTON HSG. REC 1P NATURAL  
TPBR

## Documents

### Product Drawings

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

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5-160493-2\\_J.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-160493-2\\_J.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-160493-2\\_J.3d\\_stp.zip](#)

English

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

### Product Specifications

[Appl. spec. FASTON COnn. .187 & .197 sr. rec. ctc. & L.I.F. rec. ctc.](#)

English

### Application Specification

English

### Product Environmental Compliance

[MD\\_5-160493-2\\_02282018013\\_dmtec](#)

English



[MD\\_5-160493-2\\_02282018013\\_dmtec](#)

English

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[Agency Approvals](#)

[UL Report](#)

English