42510-1 ✔ ACTIVE

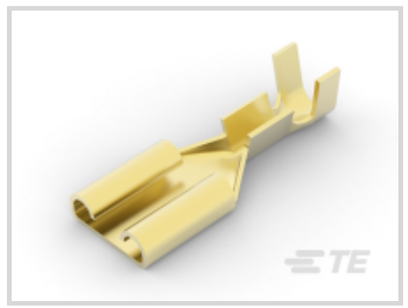
FASTON | FASTON 250

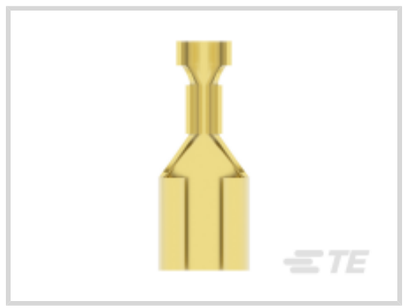
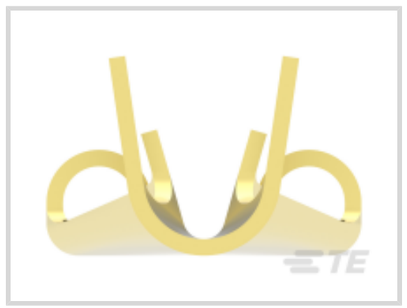
TE Internal #: 42510-1

Quick Disconnects, Receptacle, 22 – 18 AWG Wire Size, .32 – .82 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, FASTON 250

View on TE.com >

Terminals & Splices > Quick Disconnects




Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.32 – .82 mm²**

Mating Tab Width: **6.35 mm [.25 in]**

Mating Tab Thickness: **.81 mm [.032 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	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Unplated
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	.41 mm[.016 in]
Product Length	19.18 mm[.755 in]
Compatible Insulation Diameter Range	2.29 – 3.3 mm[.09 – .13 in]
Wire Size	.32 – .82 mm²

Usage Conditions

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

Industry Standards

Agency/Standard	CSA, UL

Packaging Features

Packaging Quantity	10000
Packaging Method	Strip/Reel

Other

Line	Budget

Product Compliance

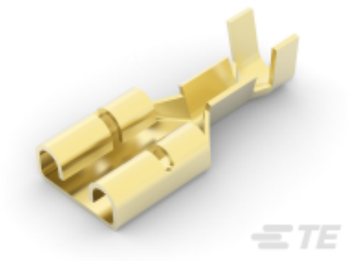
For compliance documentation, visit the product page on TE.com>

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: JAN 2021 (211) 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

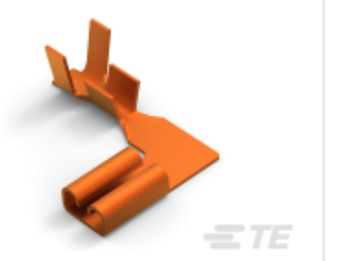
Product Compliance Disclaimer

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



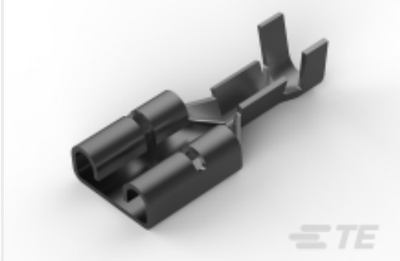
TE Part # 444334-3
250 FASTON REC 22-18 AWG BR



TE Part # 1494217-1
110 FASTON,REC.,18-22 AWG,PB



TE Part # 170304-2
250 FASTON,REC.,22-18 AWG,BR



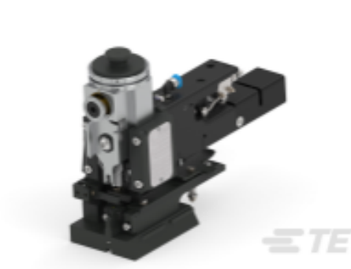
TE Part # 444334-2
250 FASTON REC 22-18 AWG TPBR



TE Part # 2-2150030-1
OCEAN_2.0_Applicator-E-090F130F



TE Part # 2-2150030-2
OCEAN_2.0_Applicator-E-090F130F



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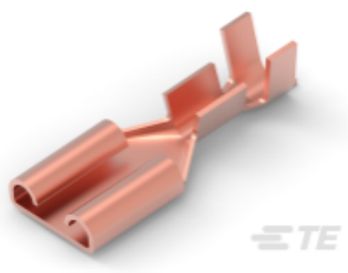


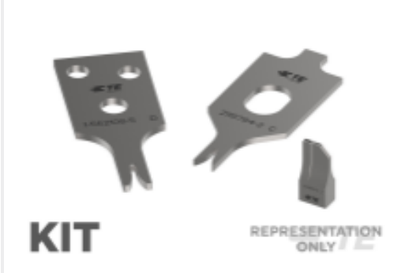
TE Part # 346697-3
250 FASTON,REC.,20-16 AWG,PB



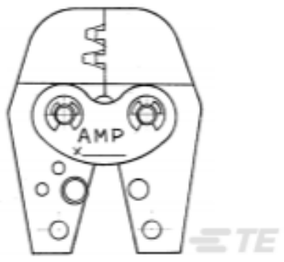
TE Part # 7-2150030-1
OCEAN_2.0_Applicator-E-090F130F



TE Part # 7-2150030-2
OCEAN_2.0_Applicator-E-090F130F



TE Part # 7-2150030-7
OCEAN_2.0_SPARE_PART_KIT-090F130F



TE Part # 752856-1
DIES 90166-1



TE Part # 169400
CERTI-LOK FRAME W/O DIES

Also in the Series | FASTON 250



Compression Connectors(4)



Crimp Terminal Housings(142)



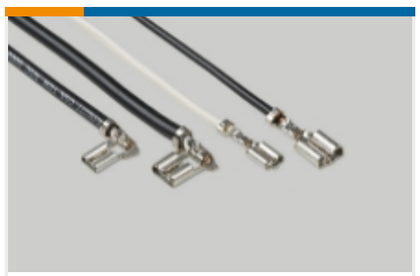
Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(135)



Quick Disconnects(445)

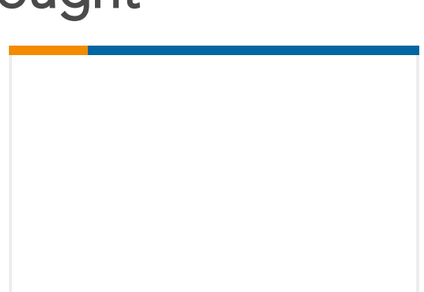


Splices(4)

Customers Also Bought



TE Part #1586845-1
04P UMNL CAP HSG NATL, GW



TE Part #794992-1
03P UMNL BLACK INTERFACE SEAL



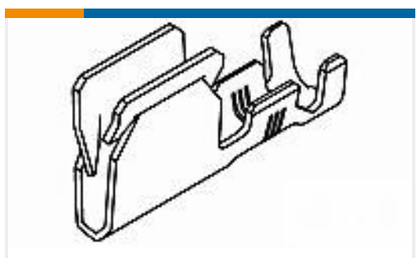
TE Part #42617-1
187 FASTON REC 20-16 AWG BR



TE Part #1586847-1
03P UMNL PLUG HSG, GW



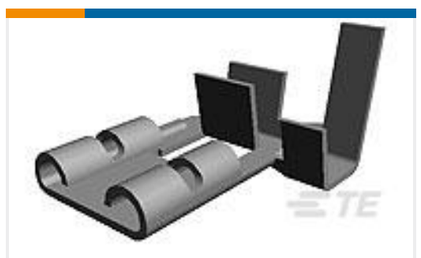
TE Part #1586851-1
02P UMNL PLUG HSG, GW



TE Part #63895-1
GROUND CLIP 14-18AWG ST



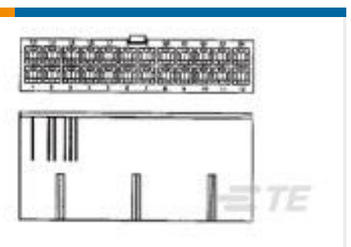
TE Part #63477-1
187 FASTON REC 20-16 AWG BR



TE Part #63538-1
250 FASTON FLAG REC 18-14 BR



TE Part #40509
SPLICE 3300 TO 9000 CMA BR



TE Part #1586862-8
8P FH PLUG VAL-U-LOK FH GW

Documents

Product Drawings

250 FASTON REC 22-18 AWG BR

English

CAD Files

Customer View Model

ENG_CVM_CVM_42510-1_AH.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42510-1_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42510-1_AH.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

TE Material Declaration

English

Agency Approvals

CSA Certificate

English

CSA Certificate

English