

1-280050-3 ✓ ACTIVE

FASTON | FASTON 250

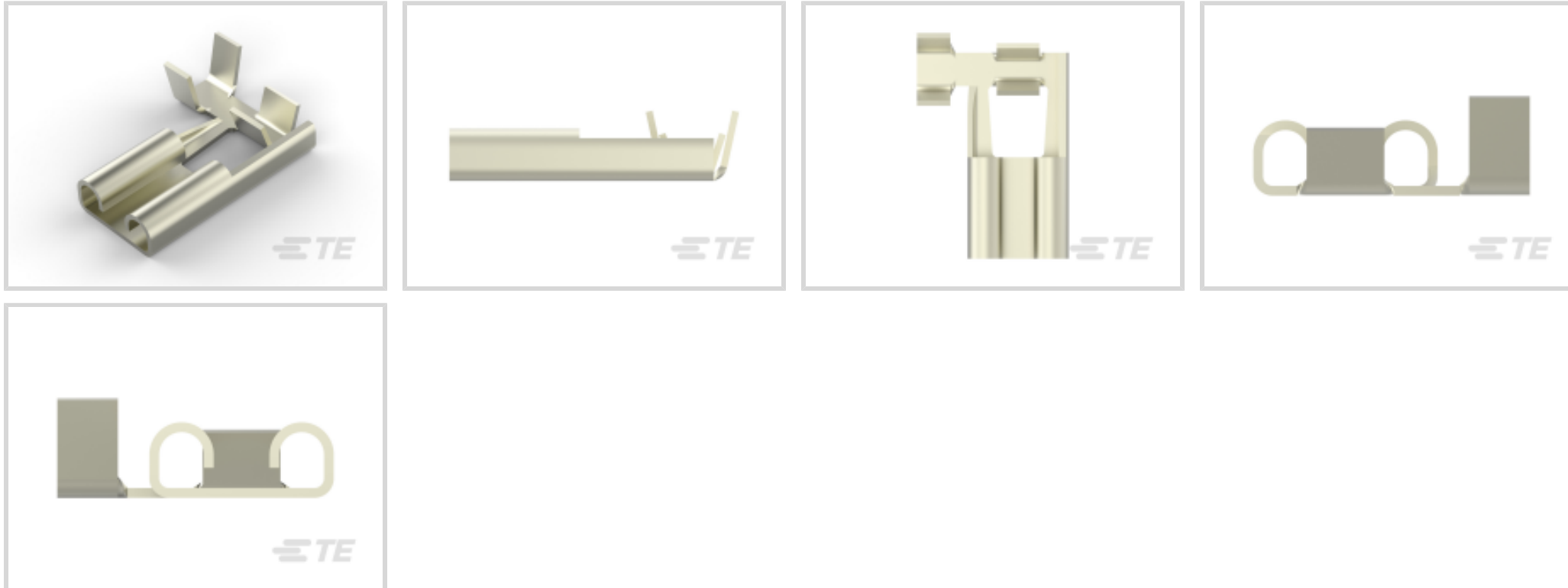
TE Internal #: 1-280050-3

Quick Disconnects, Receptacle, 16 – 20 AWG Wire Size, .5 – 1.5 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Flag, Steel, FASTON 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .5 – 1.5 mm²

Mating Tab Width: 6.35 mm [.25 in]

Mating Tab Thickness: .81 mm [.032 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	6.35 mm [.25 in]
Mating Tab Thickness	.81 mm [.032 in]
Terminal Orientation	Flag
Contact Base Material	Steel
Terminal Plating Material	Nickel
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

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Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	16.8 mm[.661 in]
Compatible Insulation Diameter Range	2.36 – 3.3 mm[.093 – .13 in]
Wire Size	.5 – 1.5 mm ²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 250 °C[-40 – 482 °F]

Industry Standards

Compatible With Agency/Standards Products	UL
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	2500
Packaging Method	Strip/Reel

Other

Line	Premier
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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 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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 # 63892-1
250 FASTON REC 16-12 AWG NPST



TE Part # 1855420-3
HDM w/FA SMPR100F140F G (CUT)



TE Part # 2836223-2
OCEAN_2.0_Applicator-S-100F140F-SSA

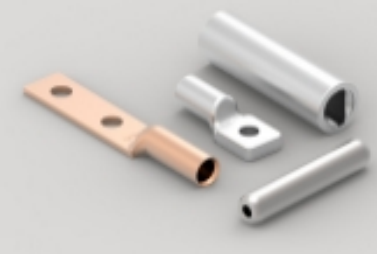


TE Part # 7-2836223-7
OCEAN_2.0_SPARE_PART_KIT-100F140F

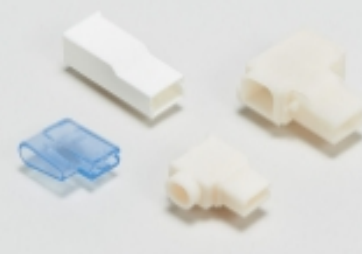


TE Part # 7-2836223-2
OCEAN_2.0_Applicator-S-100F140F


Also in the Series | FASTON 250



Compression Connectors(4)



Crimp Terminal Housings(133)



Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(134)



Quick Disconnects(428)



Splices(4)

Customers Also Bought



TE Part #0413-216-2005
SEALING PLUG, SIZE 20, KEYING, RED



TE Part #1028-034-1205
BKSHL, 12P, BLK, REC, ST, NW 13/17



TE Part #843996-6
TOOL, EXTRACTION RESET



TE Part #58583-1
PROCRIMP HT&D SUPRSEAL 1.5 SER



TE Part #5-160430-7
187 FASTON REC 20-16 AWG TPBR



TE Part #1445049-5
FREE HANG SNGL ROW HSG 5 POS



TE Part #2-1445093-5
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #1-794613-1
PIN CONT 26-30 15 GOLD L/P



TE Part #1-1355397-3
4POS MOS REC COD A



TE Part #7-2836044-7
OCEAN_2.0_SPARE_PART_KIT-057F066F

Documents

Product Drawings

250 FASTON,FLAG,REC.,16-20 AWG,NPST

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-280050-3_BB.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-280050-3_BB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-280050-3_BB.3d_stp.zip](#)

English

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

Product Specifications

[.110,.187 & 250 Series FASTON Terminals](#)

English

Product Specification

English

Agency Approvals

[UL Report](#)

English