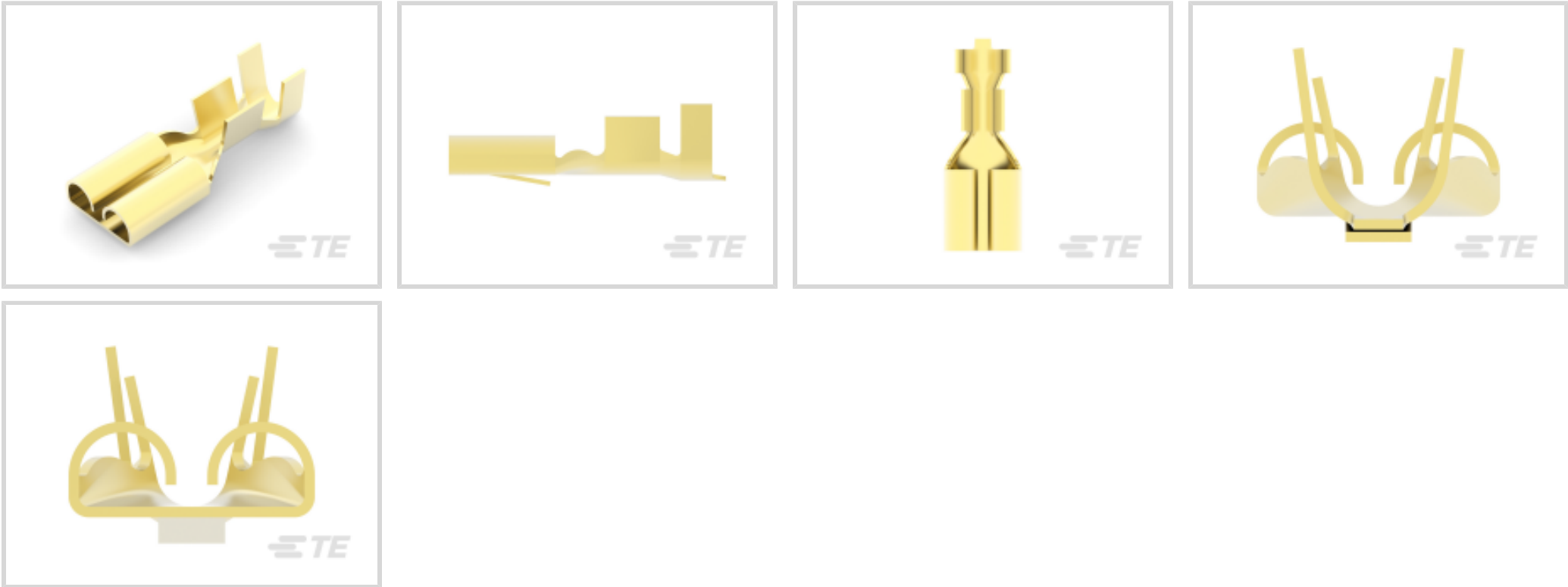




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **2.1 – 3.31 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	Straight
Contact Base Material	Brass
Terminal Plating Material	Unplated
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

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Product Terminates To	Wire & Cable
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Mechanical Attachment

Locking Lance Height	.8 mm
Wire Insulation Support	With
Mating Retention Type	Locking Lance

Dimensions

Terminal Material Thickness	.33 mm[.013 in]
Product Length	21.5 mm[.846 in]
Compatible Insulation Diameter Range	2.9 – 3.8 mm[.114 – .15 in]
Wire Size	2.1 – 3.31 mm ²

Usage Conditions

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

Packaging Features

Packaging Quantity	5000
Packaging Method	Strip/Reel

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

 TE Part # 1989879-1 .250 SRS FASTIN-ON REC.	 TE Part # 640841-1 BLADE REC 250 20-16AWG BR	 TE Part # 170303-1 FF 250 REC 22-18AWG BR WITH LATCH	 TE Part # 160950-1 FF 250 REC BR SOLDERING
 TE Part # 2150533-1 OCEAN_2.0_Applicator-E-130F180F-REM	 TE Part # 2150533-2 OCEAN_2.0_Applicator-E-130F180F-REA	 TE Part # 2819183-1 .250 SERIES FASTIN FASTON REC.	 TE Part # 7-2150533-7 OCEAN_2.0_SPARE_PART_KIT-130F180F

Also in the Series | FASTIN-FASTON 250

 Crimp Terminal Housings(210)	 Insertion & Extraction Tools(2)	 PCB Terminals(2)	 Quick Disconnects(251)
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Customers Also Bought





TE Part #6-1419166-1

GET .64 CONNECTOR SYSTEM, CONNECTOR HSG



TE Part #1775441-4

EMIX CONN., 1.5MM PITCH, RCPT, HSG, 4P



TE Part #170342-2

250 FASTON,REC.,20-14 AWG,TPBR



TE Part #1-1393249-1

W58-XB1A4A-2=W58



TE Part #2-1419158-5

GET MALE TERM, B, SN, REREEL



TE Part #53427-1

TERMINAL,PIDG PVF2 R 12-10



TE Part #184004-1

2 POS. PLUG ASSY, KEY C, BLACK



TE Part #1827120-1

SQUIB LOCKING BUTTON



TE Part #170089-2

FF 250 REC 14-12AWG TPBR

Documents

Product Drawings

FF 250 REC 14-12AWG BR

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170089-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170089-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170089-1_P.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications



Crimping of 250 Series Tab and Receptacle Contacts

Japanese

Application Specification

Japanese

Application Specification

Japanese

Crimping of 250 Series Tab and Receptacle Contacts

Japanese

Agency Approvals

UL Report

English