



Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: **.82 – 2.08 mm²**

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

Quick Disconnect Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Quick Disconnect Insertion Force	Normal
Sealable	No
Insulated	No

Configuration Features

Connection Capacity	Single
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Body Features

Fully Insulated	No
Quick Disconnect Plating Material	Tin

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle
Quick Disconnect Terminal Orientation	Straight



Contact Base Material	Brass
Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Mating Retention Type	Locking Lance
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	2.79 – 4.32 mm[.11 – .17 in]
Overall Length	19.05 mm[.75 in]
Receptacle Terminal Stock Thickness	.41 mm[.016 in]
Wire Size	.82 – 2.08 mm²
Quick Disconnect Mating Tab Width	6.35 mm[.25 in]
Quick Disconnect Mating Tab Thickness	.81 mm[.032 in]

Usage Conditions

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

Industry Standards

UL Rating	Recognized
CSA Certified	Yes

Packaging Features

Packaging Quantity	11000
Quick Disconnect 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: JAN 2021 (211) 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

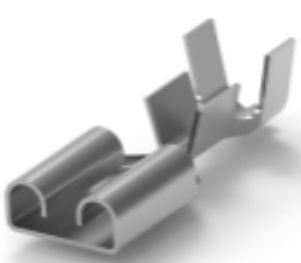
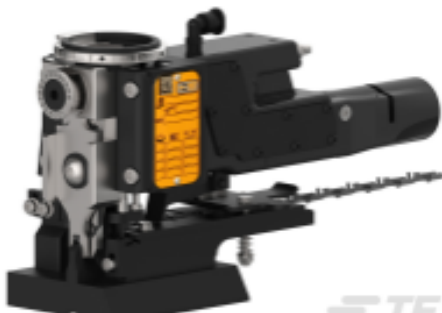
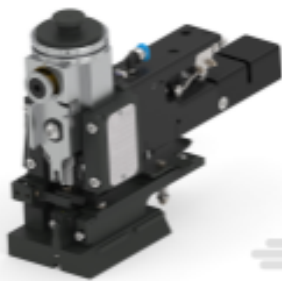
Solder Process Capability

Not applicable for solder process capability

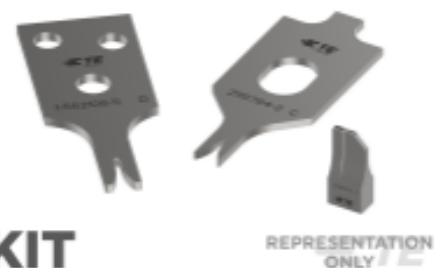
Product Compliance Disclaimer

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 # 1-1579007-4 EXTRACTION TOOL	 TE Part # 4-1579007-3 EXTRACTION TOOL KIT	 TE Part # 58524-1 PROCRIPPER TOOL & DIE	 TE Part # 90165-1 DAHT 250 FASTON REC 18-14 ASSY
 TE Part # 62530-1 FF 250 REC 18-14AWG BR	 TE Part # 157480-2 FF 250 REC 0.8-2MM2 TPBR	 TE Part # 2-2150042-1 OCEAN_2.0_APPLICATOR-E-110F180F	 TE Part # 2-2150042-2 OCEAN_2.0_APPLICATOR-E-110F180FA
 TE Part # 2150042-1 OCEAN_2.0_APPLICATOR-E-110F180F	 TE Part # 2150042-2 OCEAN_2.0_APPLICATOR-E-110F180FA	 TE Part # 7-2150042-1 OCEAN_2.0_APPLICATOR-E-110F180F	 TE Part # 7-2150042-2 OCEAN_2.0_APPLICATOR-E-110F180FA



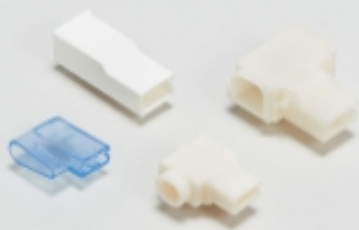


KIT

REPRESENTATION ONLY

TE Part # 7-2150042-7
OCEAN_2.0_SPARE_PART_KIT-110F180F

Also in the Series | FASTIN-FASTON 250



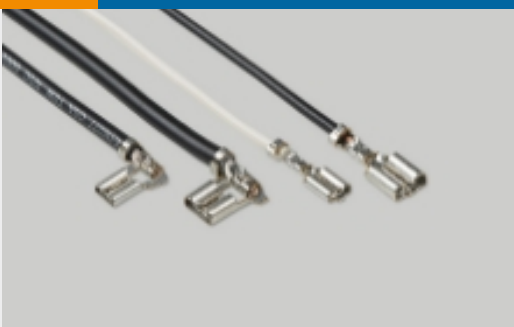
Crimp Terminal Housings(216)



Insertion & Extraction Tools(2)



PCB Terminals(2)



Quick Disconnects(258)

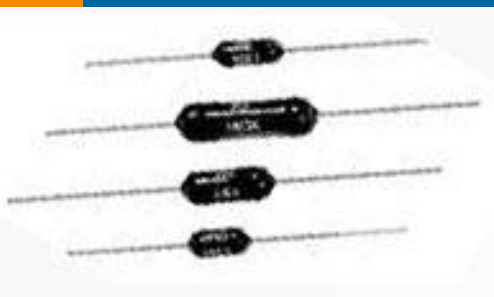
Customers Also Bought



TE Part #35135
TERMINAL,SOLIS R 12-10 1/2



TE Part #170943-000
2019E0309-0



TE Part #2-1879642-6
H8 40K 0.1% 50PPM



TE Part #2-1418390-1
HEAVY DUTY SEALED CONNECTOR HOUSINGS



TE Part #1241396-2
AMP MCP, RECEPTACLE AND TAB



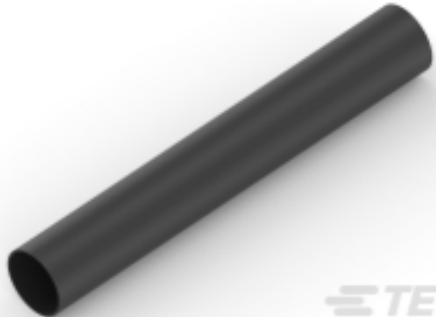
TE Part #1062-12-0166
DEUTSCH STAMPED & FORMED CONTACTS



TE Part #350981-2
RING 18-14 AWG PTPBR



TE Part #1-1703097-1
4POS MT - EDGE HOUSING



TE Part #EK5194-000
ES2000-NO.6-H2-0-39MM



Documents

Product Drawings

FF 250 REC 18-14AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42281-2_DJ_c-42281-2-dj.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_42281-2_DJ_c-42281-2-dj.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42281-2_DJ_c-42281-2-dj.3d_stp.zip

English

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

Datasheets & Catalog Pages

Positive Lock Receptacles

English

FASTIN_FASTON_Product_Line

English

Product Specifications

Engineering Report

English

Product Environmental Compliance

MD_42281-2_060520181211_dmtec

English

MD_42281-2_060520181211_dmtec

English