

6-160432-3 ✓ ACTIVE

FASTON | FASTON 250

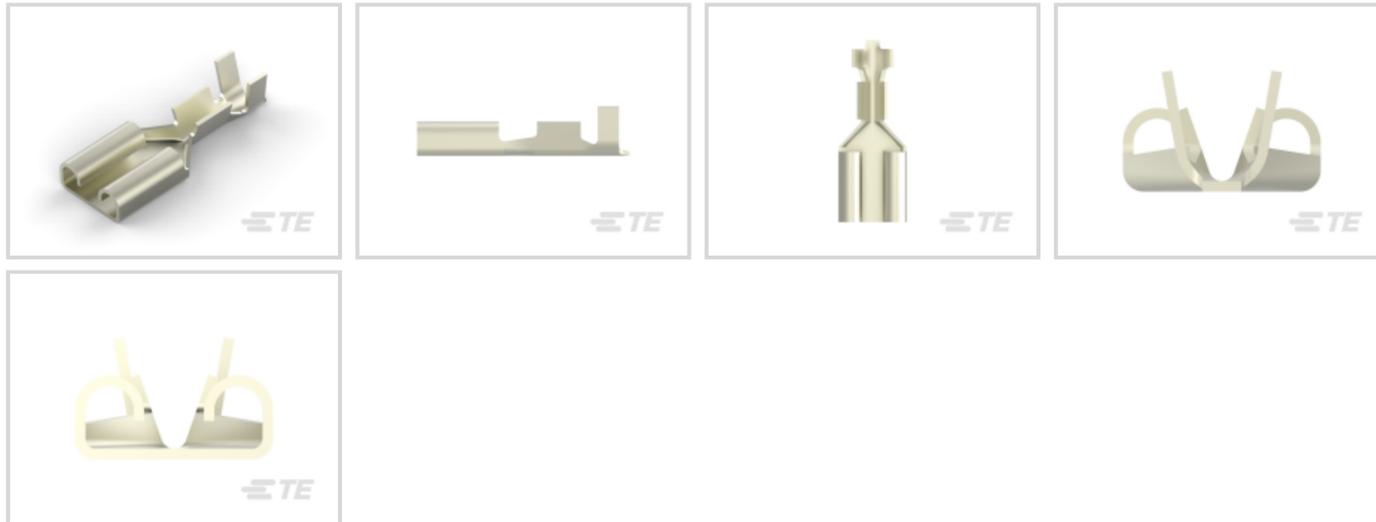
TE Internal #: 6-160432-3

Quick Disconnect Receptacle, Uninsulated, 20 – 16 AWG, .5 – 1.5 mm² Wire, 6.35 mm [.25 in] Tab Width, F-Crimp, Straight, 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
-----------------	--------

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

Connection Capacity	Single
---------------------	--------

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	Steel
-----------------------	-------

Terminal Plating Material	Pre-Nickel
---------------------------	------------

Crimp Type	F-Crimp
------------	---------

Barrel Type	Open
-------------	------

Termination Features



Product Terminates To	Wire & Cable
-----------------------	--------------

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	8.1 kgf

Dimensions

Product Length	19 mm [.748 in]
Compatible Insulation Diameter Range	2.3 – 3.3 mm [.09 – .13 in]
Terminal Material Thickness	.41 mm [.016 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	CSA, UL
---	---------

Packaging Features

Packaging Quantity	12000
Packaging Method	Strip/Reel

Other

Line	Premier
------	---------

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2150082-2
OCEAN_2.0_APPLICATOR-E-090F130F-REA



TE Part # 2150082-1
OCEAN_2.0_APPLICATOR-E-090F130F-REM



TE Part # 7-2150082-7
OCEAN_2.0_SPARE_PART_KIT-090F130F

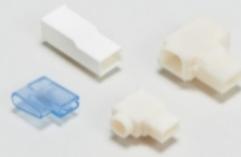


TE Part # 63892-1
250 FASTON REC 16-12 AWG NPST

Also in the Series | FASTON 250



Compression Connectors(4)



Crimp Terminal Housings(115)



Insulation Boots & Sleeves(16)



Magnet Wire Terminals(1)



PCB Terminals(133)



Quick Disconnects(418)



Splices(4)

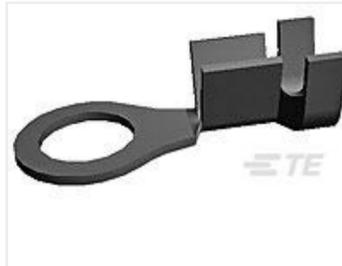
Customers Also Bought



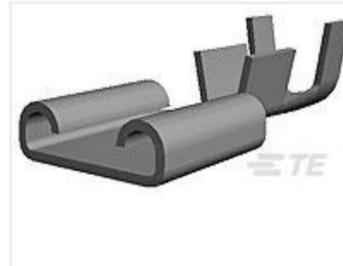
TE Part #CQ50483001
RAY-101-7.5(10)



TE Part #803912-SF
FN9222R-16-06



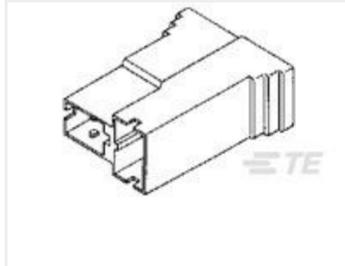
TE Part #42037-1
RING TERMINAL 22-18 AWG TPBR



TE Part #160389-3
250 FASTON, REC., 24-17 AWG, PNST



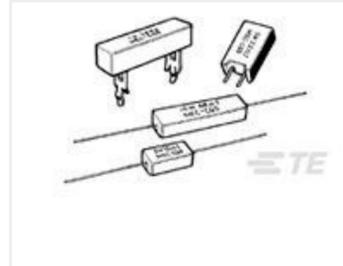
TE Part #640714-1
03P UMNL STR/REL



TE Part #926522-2
PL 250 REC HSG 2P NYLON NAT



TE Part #4-1803537-2
ANVIL, COMBINATION



TE Part #1879009-4
SQB30 2R2 5% 6.35MM FASTON



TE Part #7-1415525-1
RT425003



TE Part #2119955-1
COMMERCIAL LUBRICATOR SIDE FEED

Documents

Product Drawings

[250 FASTON REC 20-16 AWG NPST](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_6-160432-3_AV.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_6-160432-3_AV.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-160432-3_AV.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English