

6-160432-3 ✓ ACTIVE

FASTON | FASTON 250

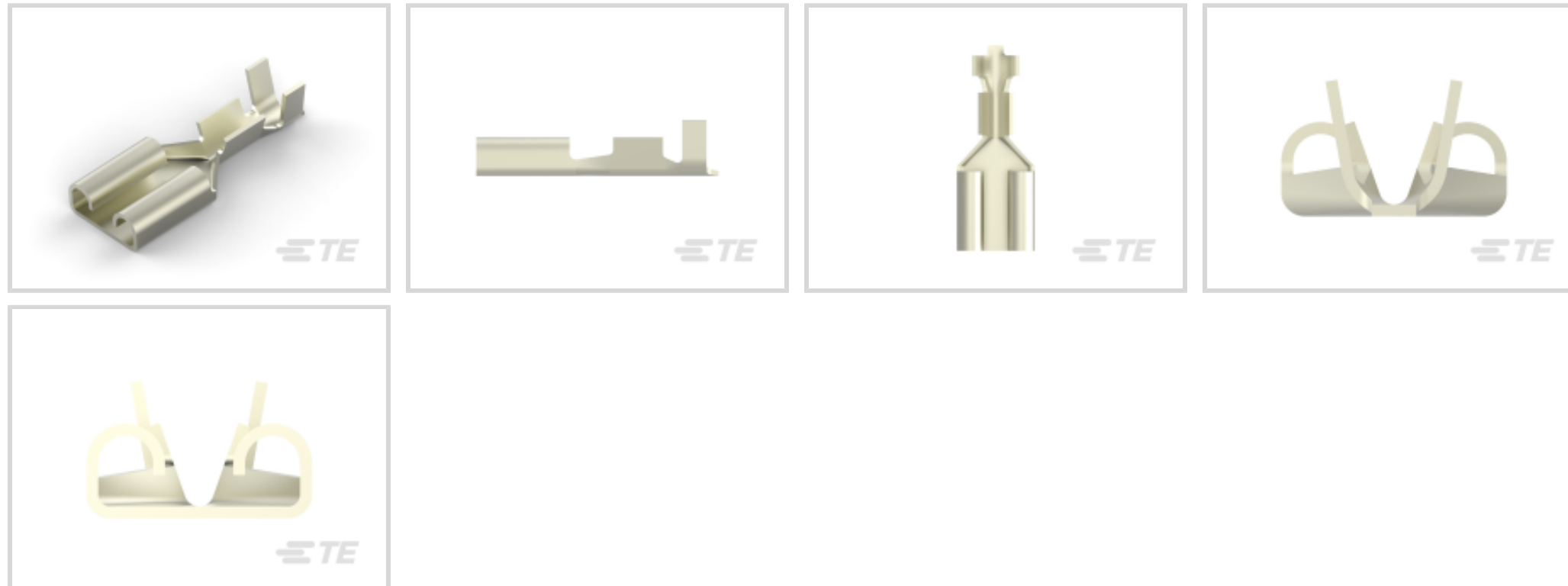
TE Internal #: 6-160432-3

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .5 – 1.5 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], 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
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Configuration Features

Connection Capacity	Single
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Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

Quick Disconnect Terminal Type	Receptacle
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Mating Tab Width	6.35 mm [.25 in]
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Mating Tab Thickness	.81 mm [.032 in]
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Terminal Orientation	Straight
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Contact Base Material	Steel
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Terminal Plating Material	Pre-Nickel
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Crimp Type	F-Crimp
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Barrel Type	Open
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Termination Features



Product Terminates To	Wire & Cable
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Mechanical Attachment

Extraction Force	80 Newton
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Wire Insulation Support	With
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Mating Retention Type	Dimple
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Dimensions

Terminal Material Thickness	.41 mm[.016 in]
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Product Length	19 mm[.748 in]
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Compatible Insulation Diameter Range	2.3 – 3.3 mm[.09 – .13 in]
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Wire Size	.5 – 1.5 mm ²
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Usage Conditions

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

Agency/Standard	CSA, UL
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Packaging Features

Packaging Quantity	12000
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Packaging Method	Strip/Reel
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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 # 2150082-1
OCEAN_2.0_APPLICATOR-E-090F130F



TE Part # 2150082-2
OCEAN_2.0_APPLICATOR-E-090F130FA



TE Part # 7-2150082-1
OCEAN_2.0_APPLICATOR-E-090F130F



TE Part # 7-2150082-2
OCEAN_2.0_APPLICATOR-E-090F130FA



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




TE Part # 2-2150082-1
OCEAN_2.0_APPLICATOR-E-090F130F

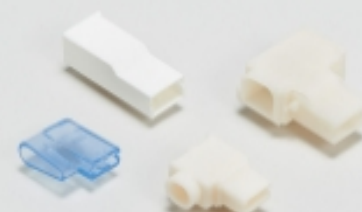


TE Part # 2-2150082-2
OCEAN_2.0_APPLICATOR-E-090F130FA


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)

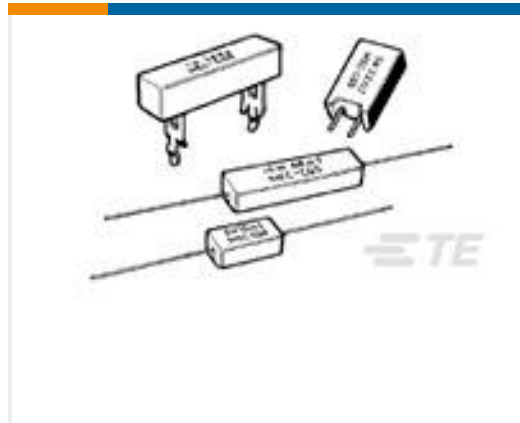


Splices(4)

Customers Also Bought



TE Part #6609066-2
6AYO1=F7692 S0



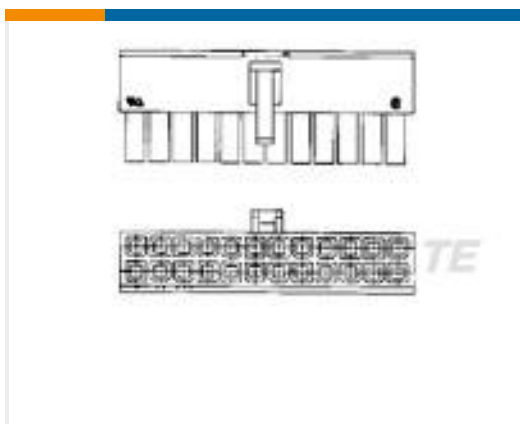
TE Part #1879009-4
SQB30 2R2 5% 6.35MM FASTON



TE Part #350711-1
06P UMNL PIN HDR ASSY 94V0



TE Part #1-794221-0
MINI UMNL2 SOK 22-18AWG AU LF



TE Part #1586765-6
6P RCPT VAL-U-LOK GW



TE Part #7421224003
RNF-3000-4.5/1.5-0-SP



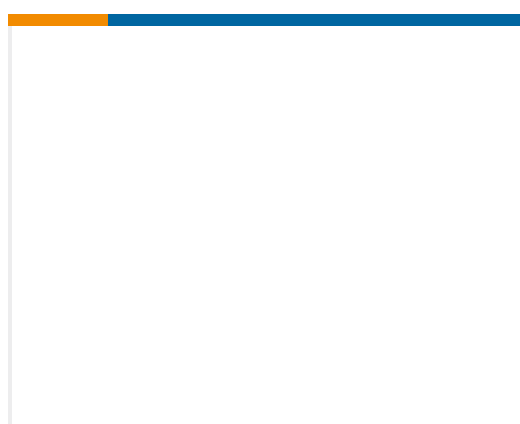
TE Part #4-968970-1
MCP2,8 GEH ASSY 6P



TE Part #926824-1
AM WIRE PIN 17-13 .013 BR



TE Part #U5254-000002-014BA
PRESS XDCR U5254-000002-014BA



TE Part #1-1659361-1
H31822/1000

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

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Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL Report](#)

English