

6-160432-0 ✓ ACTIVE

FASTON | FASTON 250

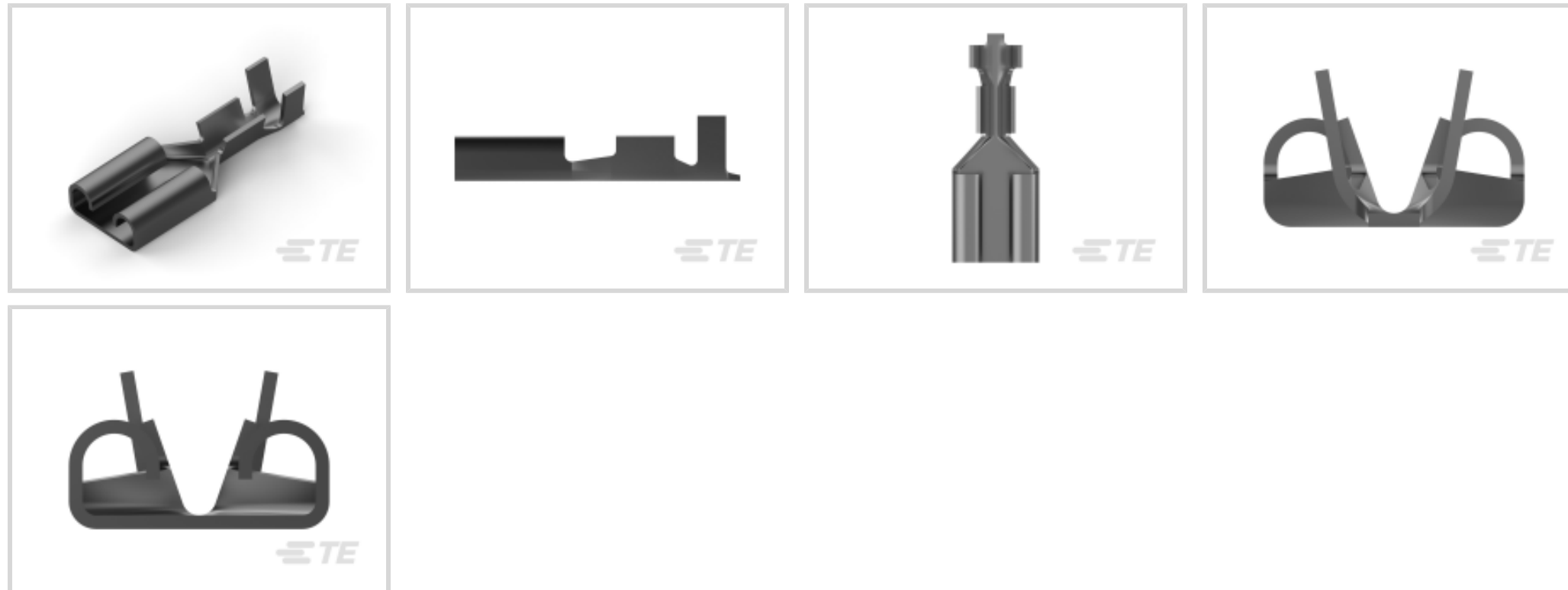
TE Internal #: 6-160432-0

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

[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

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	Phosphor Bronze
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Dimensions

Wire Size	.5 – 1.5 mm ²
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]

Packaging Features

Packaging Method	Strip/Reel
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Packaging Quantity	7000
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Product Type Features

Insertion Force	Normal
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Usage Conditions

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

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Line	Premier
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Configuration Features

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

Product Terminates To	Wire & Cable
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Mechanical Attachment

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

Compatible With Agency/Standards Products	UL, CSA
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per
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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 # 2376595-2
250 FASTON PCB TAB TPBR



TE Part # 180388-2
250 FASTON, REC., 20-16 AWG, TPBR



TE Part # 180388-5
250 FASTON, REC., 20-16 AWG, TPPB



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




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




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


Also in the Series | FASTON 250



Compression Connectors(4)



Crimp Terminal Housings(132)



Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(134)

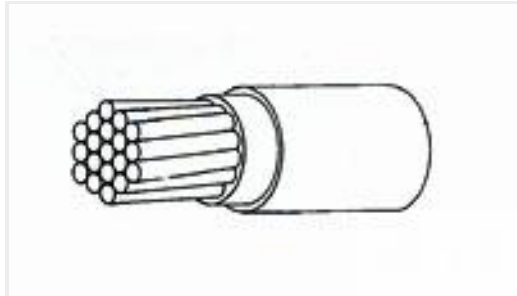


Quick Disconnects(425)



Splices(4)

Customers Also Bought



TE Part #218026-005
55A0811-18-9



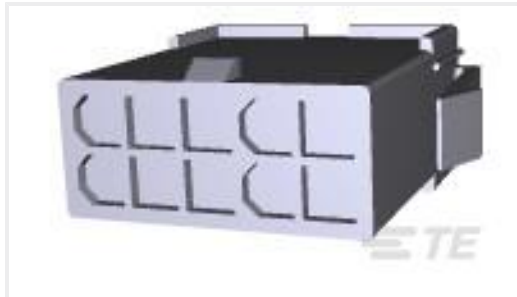
TE Part #175196-2
DYNAMIC D-3 REC CONT. L AU 0.38



TE Part #207153-1
6 POS SQ GRID METRIMATE-RCPT



TE Part #207020-1
METRIMATE RCPT 36 POS



TE Part #794942-1
10P MINI UMNL CAP HSG



TE Part #293008-1
3 POS. FASTIN-FASTON CONN. TAB HOUSING R



TE Part #293011-1
5 POS. FASTIN-FASTON CONN. TAB HOUSING R



TE Part #160451-3
FF 250 TAB 18-14AWG PB SILVER PL LP



TE Part #926539-1
250 FASTON HSG. REC. 1P NATURAL



TE Part #234466-E
SRCP 1,27 10 F 1 I2426 137 E1 162 1,07 T

Documents

Product Drawings

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

English

CAD Files

Customer View Model

[ENG_CVM_CVM_6-160432-0_AV.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_6-160432-0_AV.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-160432-0_AV.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English