

5-160506-2 ✓ ACTIVE

FASTON | FASTON 250

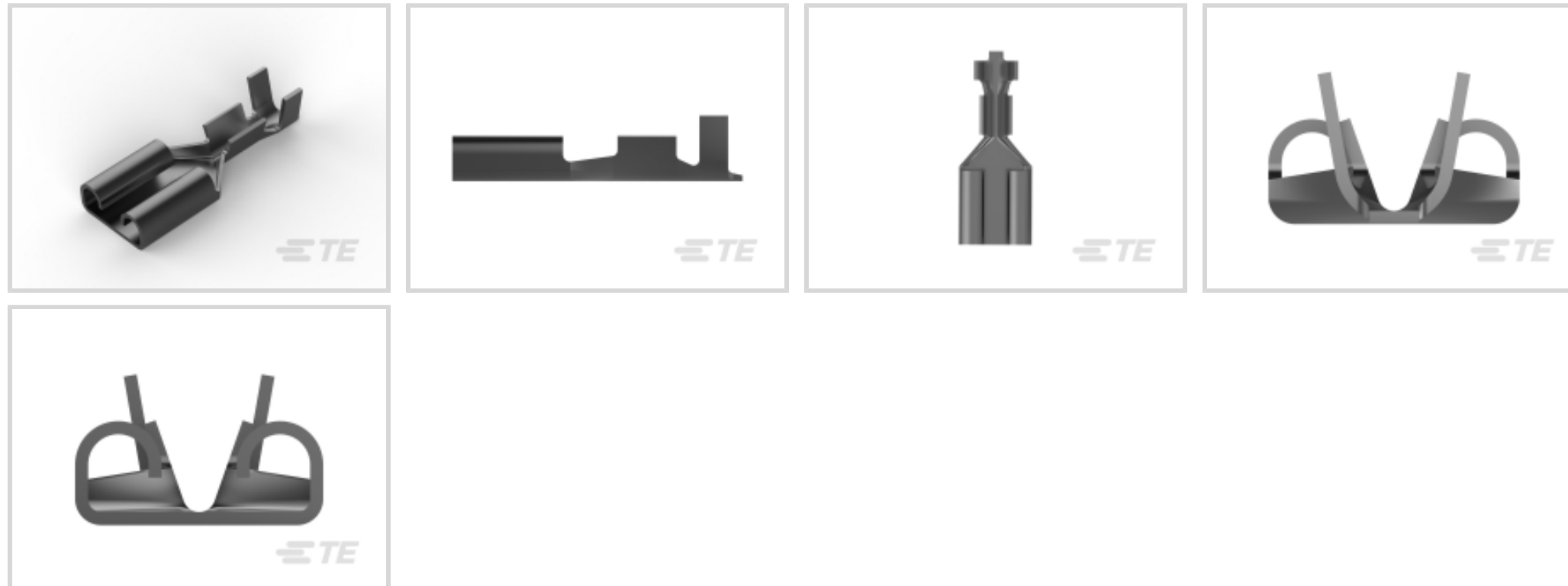
TE Internal #: 5-160506-2

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.65 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, FASTON 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.65 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

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	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features



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

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Product Length	20.2 mm[.795 in]
Compatible Insulation Diameter Range	2.31 – 3.3 mm[.091 – .13 in]
Wire Size	.51 – 1.65 mm ²

Usage Conditions

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

Industry Standards

Agency/Standard	CSA, UL
-----------------	---------

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece/Carton

Other

Line	Premier
Terminals & Splices Comment	Versions according to DIN 46247, Part 3

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 160668-2
110 FASTIN FASTON,REC.,20-16 AWG, PTBR



TE Part # 180441-2
110 FASTON,REC.,20-16 AWG,TPBR



TE Part # 5-160563-2
250 FASTON REC 18-16 AWG TPBR



REPRESENTATION ONLY. DIE SET MAY VARY. TE

TE Part # 2063429-1
SDE F FASTON 250 0.35-2.50mm² ASSY



TE Part # 2063429-2
SDE F FASTON 250 0.35-2.50mm² DIE SET



TE Part # 539740-2
DIE F6. 3FF REC.




TE Part # 169400
CERTI-LOK FRAME W/O DIES

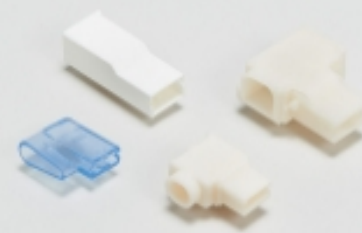


TE Part # 9-1579022-1
CERTILOK DIE FASTON 6.3


Also in the Series | FASTON 250



Compression Connectors(4)



Crimp Terminal Housings(142)



Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(135)

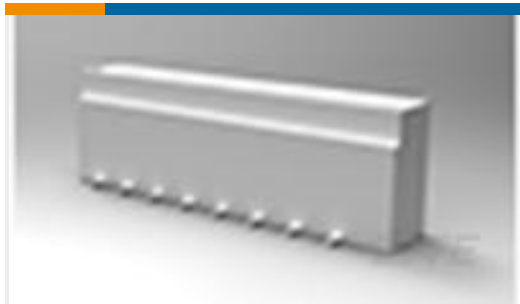


Quick Disconnects(445)

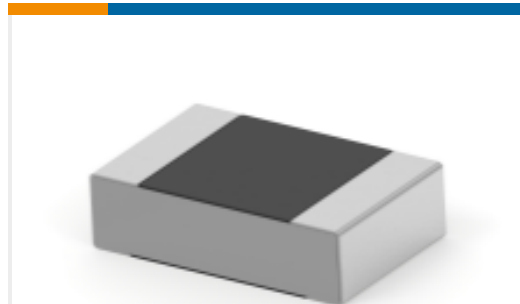


Splices(4)

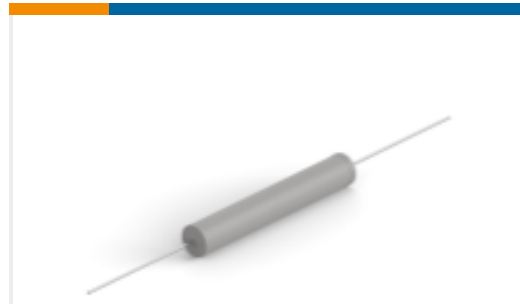
Customers Also Bought



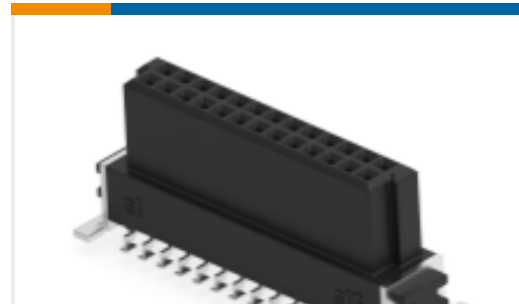
TE Part #84982-7
1MM FFC SMT V ASSY 7P EMBOSS



TE Part #4-2176238-7
CPF A 0805 6K8 0.1% 25PPM 5K RL



TE Part #3-2176416-7
9W STD M/OX 5% 1K6



TE Part #154718-E
SMCB 26 F AB VV 7-03 CL * H007 137 E002



TE Part #1-1414719-0
RESOLVER V23401-D1401-E801



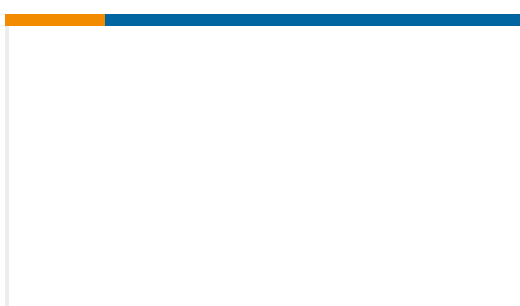
TE Part #254979-E
STVCD 128 F ABCD VVV 7-00 EEUE 13,0 * 2



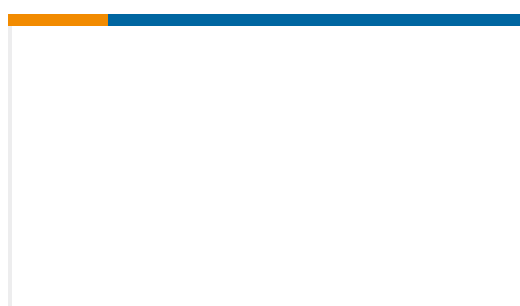
TE Part #284262-E
STVR 64 FI AC VV 7-03 EE * * 247 E 172 *



TE Part #384210-E
STVC/2 32 M AC VV 4-00 0606 * * 247 E007



TE Part #434286-E
FRAEZT 11,4 C * 016 * J 1 54266 FUEHRUNG



TE Part #7-1768019-3
EK820

Documents

Product Drawings

250 FASTON REC 20-16 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-160506-2_A_c-5-160506-2-a.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_5-160506-2_A_c-5-160506-2-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-160506-2_A_c-5-160506-2-a.3d_stp.zip](#)

English

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

Product Specifications

Application Specification

English

Application Specification

English

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English

Agency Approvals

UL Report

English