180441-2 ✔ ACTIVE

FASTON | FASTON 110

TE Internal #: 180441-2

Quick Disconnect Receptacle, 20 – 15 AWG, .51 – 1.65 mm² Wire, 2.8 mm [.11 in] Tab Width, Straight, Brass, Tin Plating, Loose Piece /Carton, FASTON 110

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.65 mm²**

Mating Tab Width: **2.8 mm [.11 in]**

Mating Tab Thickness: **.3 mm [.012 in]**

Features

Industry Standards

Compatible With Agency/Standards Products	UL, CSA

Termination Features

Product Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Packaging Features

Packaging Quantity	250
Packaging Method	Loose Piece/Carton

Dimensions

Product Length	14.5 mm[.57 in]

Compatible Insulation Diameter Range	1.5 – 2.8 mm[.059 – .11 in]
Terminal Material Thickness	.48 mm[.019 in]
Wire Size	.51 – 1.65 mm²

Product Type Features

Insertion Force	Normal

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Mating Tab Thickness	.3 mm[.012 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

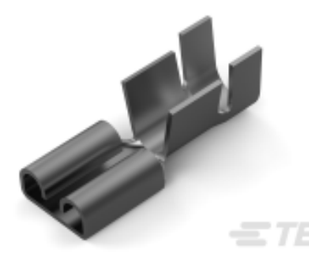
Product Compliance Disclaimer

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



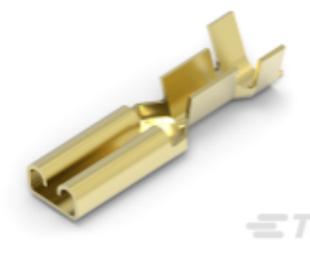
TE Part # 180367-2
250 FASTON,REC.,12-10 AWG,TPBR



TE Part # 160625-2
110 FASTON,REC.,20-17 AWG,TPBR



TE Part # 160626-2
110 FASTON,REC.,20-17 AWG,TPBR



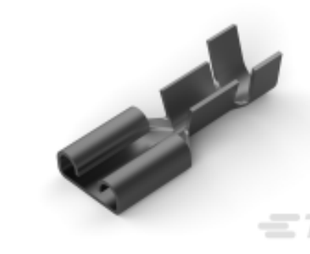
TE Part # 160626-1
110 FASTON,REC.,20-17 AWG,BR



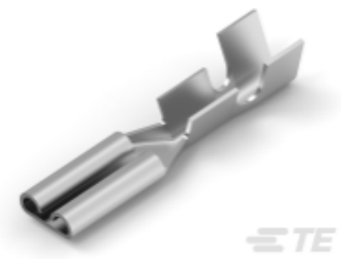
TE Part # 140719-2
110 FASTON,REC.,22-18 AWG,TPBR



TE Part # 5-160506-2
250 FASTON REC 20-16 AWG TPBR



TE Part # 181903-1
250 FASTON,REC.,17-14 AWG,TPBR

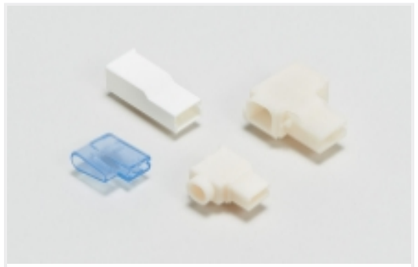


TE Part # 140852-2
110 FASTON,REC.,22-18 AWG,TPBR



TE Part # 180439-2
110 FASTON,REC.,20-16 AWG,TPBR

Also in the Series | FASTON 110



Crimp Terminal Housings(13)



Insertion & Extraction Tools(1)



PCB Terminals(22)



Quick Disconnects(168)

Customers Also Bought



TE Part #CAT-M4595-T273
MCON Receptacle and Tab



TE Part #173691-1
PL 187 REC 20-16 AWG 0.3 X 14.0 PTBR



TE Part #170332-1
PL 187 RECEPTACLE 18-14 AWG PTPBR



TE Part #1393315-2
V23132A2001A200=HCR



TE Part #2302452-1
MATENET,FIXATION ELEMENT



TE Part #4-1579008-5
EXTRACTION TOOL



TE Part #1-1718645-1
4POS, MCON 1.2 LL REC SEALED

TE Part #1-2334158-1
RESOLVER SCR405 ROTOR WT RIVETS WT MARK

Documents

Product Drawings

110 FASTON,REC.,20-16 AWG,TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_180441-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_180441-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_180441-2_F.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

.110,.187 & 250 Series FASTON Terminals

English

Product Specification

English

Agency Approvals

Agency Approval Document

English