42511-1 ✔ ACTIVE

FASTON | FASTON 250

TE Internal #: 42511-1

Quick Disconnect Receptacle, Uninsulated, 18 – 12 AWG, .82 – 3.31 mm² Wire, 6.35 mm [.25 in] Tab Width, Tab-Lok, Flag, Brass, FASTON 250

View on TE.com >

Terminals & Splices > Quick Disconnects

Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 3.31 mm²**

Mating Tab Width: **6.35 mm [.25 in]**

Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

Insertion Force	Low

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	Flag
Contact Base Material	Brass
Terminal Plating Material	Unplated
Crimp Type	Tab-Lok
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

	.04 in
Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Product Length	17.02 mm[.67 in]
Compatible Insulation Diameter Range	2.79 – 5.33 mm[.11 – .21 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.82 – 3.31 mm²

Usage Conditions

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

Industry Standards

Compatible With Agency/Standards Products	CSA, UL

Packaging Features

Packaging Quantity	4000
Packaging Method	Strip/Reel

Other

Line	Budget

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

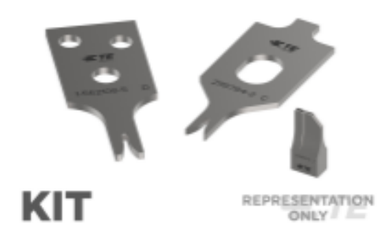
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1855041-1
HINDGE BAR F.A. EMPO160TAB180O LM & G

TE Part # 1596696-2
HB APPL,AOL

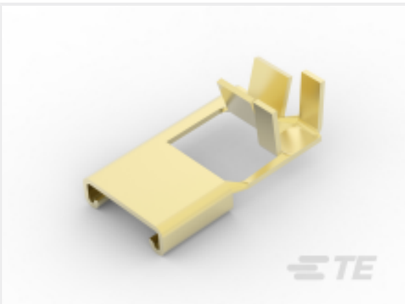
TE Part # 1852633-1
EAPOHB160TABLOCK180O LM/G-HINGE BAR



TE Part # 7-1855041-7
SPARE PART KIT

TE Part # 1596697-5
HB APPL,AOM

TE Part # 2088156-2
MINI APPLICATOR, HINGE BAR END FEED



TE Part # 62418-1
250 FASTON FLAG REC 22-16 AWG BR

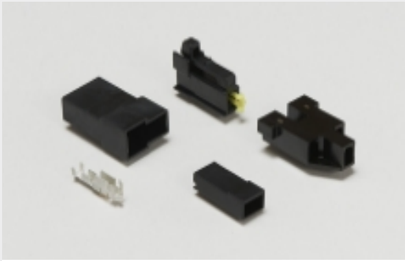
Also in the Series | FASTON 250

Compression Connectors(4)

Crimp Terminal Housings(115)

Insertion & Extraction Tools(6)

Insulation Boots & Sleeves(16)



Magnet Wire Terminals(1)

PCB Terminals(133)

Quick Disconnects(412)

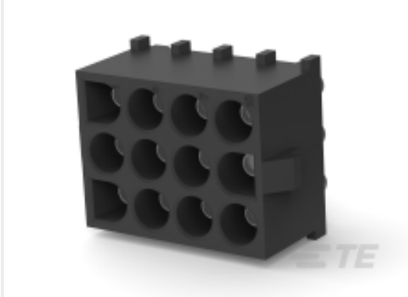
Splices(4)

Customers Also Bought

TE Part #42827-2
PIN .093 RECEPTACLE 24-18 AWG TPBR

TE Part #62804-2
BOBBIN TERMINAL 22-18 AWG TPCUBR

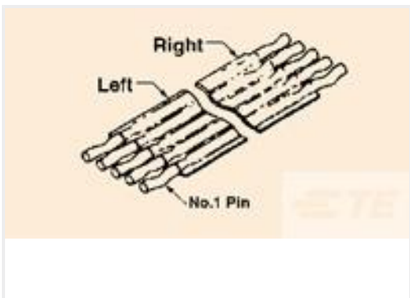
TE Part #641971-1
09P UMNL PIN HDR ASSY V2 NATL



TE Part #643428-2
12P UMNL HDR ASSY POL

TE Part #1-1393194-9
T77V1D10-12

TE Part #2311844-2
PCB TERMINAL, LOOSE PIECE



TE Part #6474561-1
FSN-23.25Z-16

TE Part #1744188-1
HSG ASY,ULTRASON WELD, 15/30/45 WINGS

TE Part #8-456134-2
CRIMPER, INSULATION "F" (.140")

TE Part #1-1393210-6
T9AS1D12-22

Documents

Product Drawings

250 FASTON FLAG REC 18-12 AWG BR

English

CAD Files

Customer View Model

ENG_CVM_CVM_42511-1_CB.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42511-1_CB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42511-1_CB.3d_stp.zip

English

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

Datasheets & Catalog Pages

82004 FASTON Terminals (Insulated and Uninsulated) Catalog - FASTON Receptacles Section

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English