42041 ✔ ACTIVE

FASTON | FASTON 250

TE Internal #: 42041

Quick Disconnects, Receptacle, 18 – 12 AWG Wire Size, .82 – 3.31 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Flag, Phosphor Bronze, 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	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	Flag
Contact Base Material	Phosphor Bronze
Terminal Plating Material	Silver
Crimp Type	Tab-Lok
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.46 mm[.018 in]
Product Length	17.02 mm[.67 in]
Compatible Insulation Diameter Range	2.79 – 5.33 mm[.11 – .21 in]
Wire Size	.82 – 3.31 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Industry Standards

Agency/Standard	CSA

Packaging Features

Packaging Quantity	4000
Packaging Method	Strip/Reel

Other

Line	Premier

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 # 1852633-1
EAPOHB160TABLOCK180O LM/G-HINGE BAR

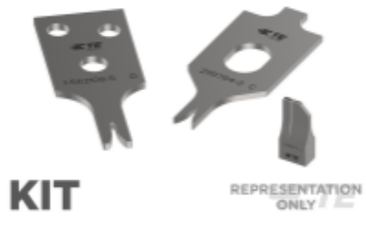
TE Part # 1855041-1
HINDGE BAR F.A. EMPO160TAB180O LM & G

TE Part # 62056-2
250 FASTON FLAG REC 18-12 AWG SPBZ

TE Part # 687395-5
M HBEAPR160T K

TE Part # 687395-6
HDM HBEAPR160T180OTSA

TE Part # 687395-8
HINGE BAR 9EAPR160T180O G



TE Part # 7-1855041-7
SPARE PART KIT

TE Part # 1596696-2
HB APPL,AOL

TE Part # 1596697-5
HB APPL,AOM

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

TE Part # 565504-1
STD HBEMPR160T180OK

TE Part # 565504-3
STD HBEMPR160T220OK

Also in the Series | FASTON 250

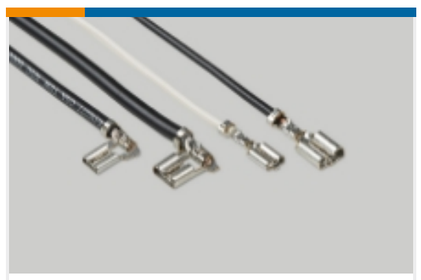
Compression Connectors(4)

Crimp Terminal Housings(142)

Insertion & Extraction Tools(6)

Magnet Wire Terminals(1)

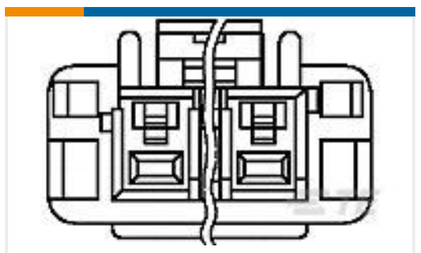
PCB Terminals(135)



Quick Disconnects(445)

Splices(4)

Customers Also Bought



TE Part #1376393-1
5MM POWER KEY 6P PLUG HSG NUT

TE Part #179861-1
AMP POWER D/LOCK PLUG HSG 4P

TE Part #1-1123722-0
3.96 EP PLUG HSG 10P(NATURAL)

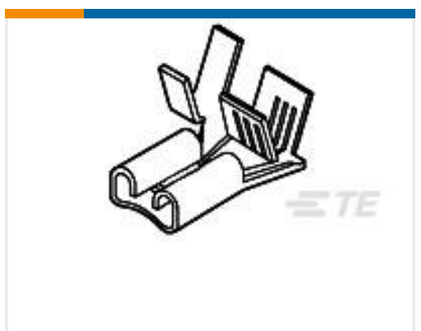
TE Part #1969588-2
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5

TE Part #170011-8
RING STRIP 18-14 MM2 0.503 X 11.938 TPBR

TE Part #1-1123823-1
EP IP PLUG NATURAL

TE Part #3-1123823-1
EP IP PLUG BLUE

TE Part #4-1123823-1
EP 1P PLUG RED



TE Part #63512-3
187 FASTON FLAG REC 18-14 AWG BR

Documents

Product Drawings

250 FASTON FLAG REC 18-12 AWG SPBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42041_AK_c-42041-ak.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_42041_AK_c-42041-ak.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42041_AK_c-42041-ak.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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

UL Report

English