42731-2 ✔ ACTIVE

FASTON | FASTON 250

TE Internal #: 42731-2

Quick Disconnect Receptacle, Uninsulated, 22 – 18 AWG, .32 – .82 mm² Wire, 6.35 mm [.25 in] Tab Width, F-Crimp, Straight, Brass, FASTON 250

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.32 – .82 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	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	20.32 mm[.8 in]
Compatible Insulation Diameter Range	1.52 – 2.54 mm[.06 – .1 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.32 – .82 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	500
Packaging Method	Loose Piece/Carton

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 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

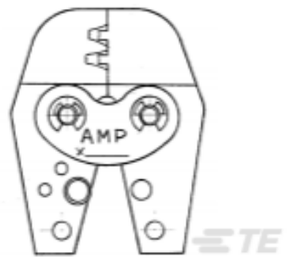
Compatible Parts



TE Part # 42025-4
250 FASTON REC 18-16 AWG TPBR



TE Part # 2-171706-1
FASTON 250 INS POD NYLON NAT



TE Part # 752856-1
DIES 90166-1



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



TE Part # 91514-1
CCII FASTON 250 REC 22-18 ASSY

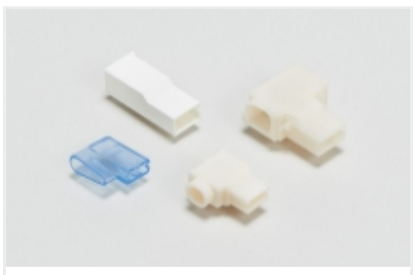


TE Part # 90166-1
DAHT 250 FASTON REC 22-18 ASSY

Also in the Series | FASTON 250



Compression Connectors(4)



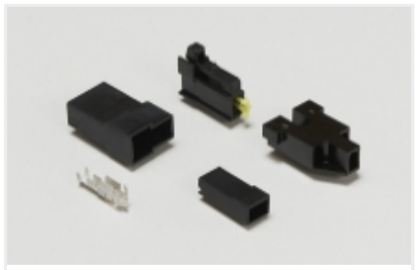
Crimp Terminal Housings(115)



Insertion & Extraction Tools(6)



Insulation Boots & Sleeves(16)



Magnet Wire Terminals(1)



PCB Terminals(133)



Quick Disconnects(417)



Splices(4)

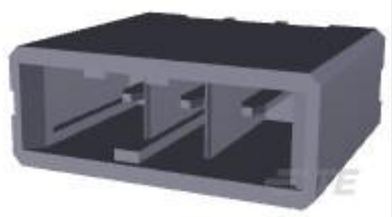
Customers Also Bought



TE Part #DRC12-24PAE
REC, 24P, BLK, E, FLANGE, A



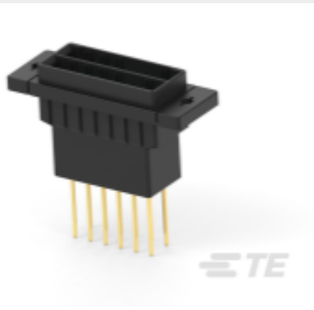
TE Part #1-175216-3
DYNAMIC D-3 REC CONT. S AU 0.76 L /P



TE Part #1-178136-3
DYNAMIC D3200 HDR V ASSY 3P PdNi



TE Part #CAT-D9934-A75E
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #8-178563-3
DYNAMIC 12P W/WRAPPING POST XX



TE Part #917251-3
DYNAMIC D-3400F HDR ASSY 20P H PdNi



TE Part #3-1554809-3
RITS CONN. PLUG ASSY 3P ORANGE COVER



TE Part #4-1554809-3
RITS CONN. PLUG ASSY 3P GREEN COVER

TE Part #171804-3
PIN CONT CRIMPED POST

Documents

Product Drawings

FASTON 250 REC TERMINAL 22-18 TPBR LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42731-2_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_42731-2_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42731-2_H.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_42731-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_42731-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_42731-2_B.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Crimping Head for FASTON Terminals

English

Agency Approvals

UL Report

English