

FASTON 250 (6.3 MM) REC 18-12 AWG TPBR

✓ ACTIVE

[FASTON](#) | [FASTON 250](#)

TE Part # 41802

TE Internal #: 41802

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Terminals & Splices > Quick Disconnects



Terminal & Splice 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

Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Insertion Force	Normal
Sealable	No
Insulated	No

Configuration Features

Connection Capacity	Single
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Body Features

Fully Insulated	No
Plating Material	Tin

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle
Terminal Orientation	Flag
Contact Base Material	Brass



Crimp Type	Tab-Lok
Barrel Type	Open

Mechanical Attachment

Mating Retention Type	Dimple
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	2.79 – 5.33 mm[.11 – .21 in]
Overall Length	17.02 mm[.67 in]
Receptacle Terminal Stock Thickness	.43 mm[.017 in]
Wire Size	.82 – 3.31 mm ²
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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Industry Standards

UL Rating	Listed
CSA Certified	Yes

Packaging Features

Packaging Quantity	4000
Packaging Method	Strip/Reel

Other

Line	Premier
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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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1852633-1
EAP0HB160TABLOCK1800
LM/G- HINGE BAR



TE Part # 1855041-1
HINDGE BAR F.A.
EMPO160TAB1800 LM &
G



TE Part # 687395-6
HDM
HBEAPR160T180OTSA

Also in the Series | FASTON 250



Crimp Terminal Housings
(126)



Insulation Boots & Sleeves
(16)



Magnet Wire Terminals(1)



PCB Terminals(140)



[Quick Disconnects\(468\)](#)

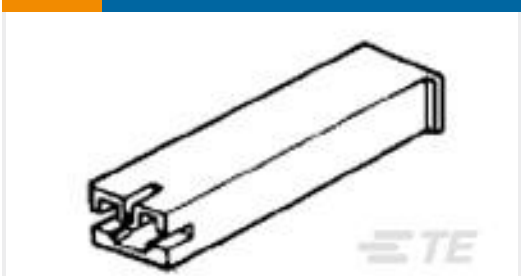


[Splices\(4\)](#)

Customers Also Bought



TE Part #177899-1
[POWER DBL LOCK PLUG HSG 3P](#)



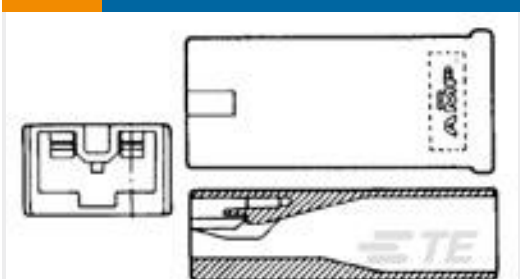
TE Part #173974-1
[PL MKII 187 REC HSG 1P NYLON NAT](#)



TE Part #177915-1
[AMP POWER DBL LOCK REC \(L\)](#)



TE Part #177915-2
[AMP POWER DBL LOCK REC](#)



TE Part #179970-1
[PL EXII 250 REC HSG 1P NYLON NAT](#)



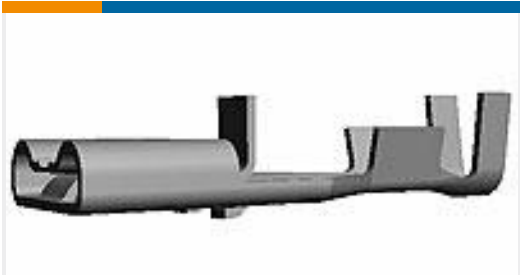
TE Part #170213-2
[FASTON 250 REC 18-14 0.44 X 50.29 TPBR](#)



TE Part #177917-1
[AMP POWER DBL LOCK TAB \(L\)](#)



TE Part #170325-1
[PL 187 RECEPTACLE 20-16 AWG 0.3 PTPBR](#)



TE Part #170328-1
[PL 250 REC 18-14 AWG 0.4 X 19.0 PRE-BR](#)



TE Part #1376476-1
[2.5 SIGNAL MATE REC CONTACT](#)

Documents

Product Drawings

[FASTON 250 \(6.3 MM\) REC 18-12 AWG TPBR](#)

English

[FASTON 250 \(6.3 MM\) REC 18-12 AWG TPBR](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_41802_AP_c-41802-ap.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_41802_AP_c-41802-ap.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_41802_AP_c-41802-ap.2d_dxf.zip](#)

English

Datasheets & Catalog Pages

[82004 FASTON Terminals \(Insulated and Uninsulated\) Catalog - FASTON Receptacles Section](#)

English

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

Product Specifications

[Application Specification](#)

English

[AMPLIVAR Bobbin Tab Terminals](#)

English

[Application Specification](#)

English

Product Environmental Compliance

[MD_41802_05312018952_dmtec](#)

English

[MD_41802_05312018952_dmtec](#)

English

Agency Approvals

[Agency Approval Document](#)

English

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