



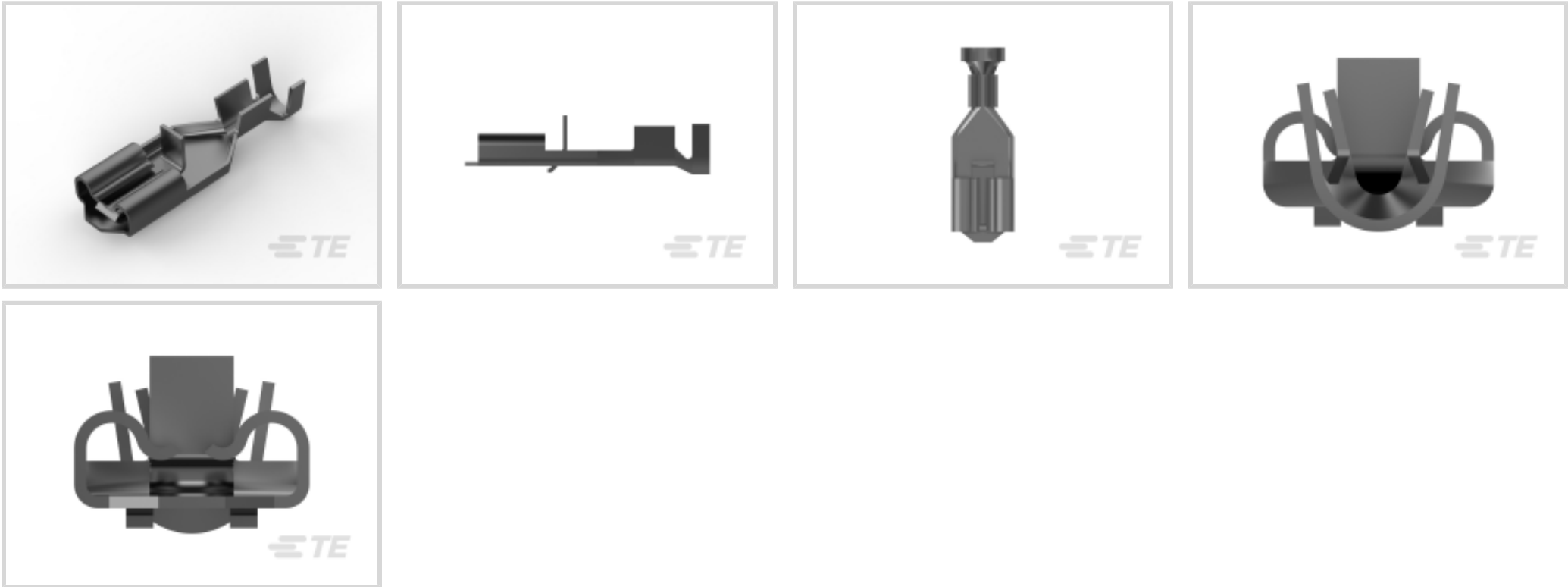
Positive Lock | Mark II, Positive Lock 250

TE Internal #: 63097-1

Quick Disconnect Receptacle, 18 – 14 AWG, .82 – 2.08 mm² Wire,
6.35 mm [.25 in] Tab Width, Straight, Brass, Tin Plating, Strip/Reel,
Positive Lock 250

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 mm²**

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

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

Features

Industry Standards

Compatible With Agency/Standards Products	UL
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Termination Features

Product Terminates To	Wire & Cable
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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	6000
Packaging Method	Strip/Reel

Dimensions

Product Length	22.5 mm[.886 in]
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Compatible Insulation Diameter Range	2.29 – 3.94 mm[.09 – .155 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.82 – 2.08 mm²

Product Type Features

Insertion Force	Low
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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

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 # 2150135-2
OCEAN-2.0-APPLICATOR-E-110F180F-REA

TE Part # 3-1969453-1
HSG,RECP,POSI-LOCK&STD FAST250

TE Part # 7-2150135-7
OCEAN_2.0_SPARE_PART_KIT-110F180F

Also in the Series | Mark II

Automotive Connector Locks & Position Assurance(1)

Automotive Housings(6)

Automotive Terminals(1)

Connector Seals & Cavity Plugs(1)

Crimp Terminal Housings(184)

Insertion & Extraction Tools(3)

Other Automotive Connector Accessories(1)

Quick Disconnects(185)

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(184)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(4)



Quick Disconnects(185)

Customers Also Bought



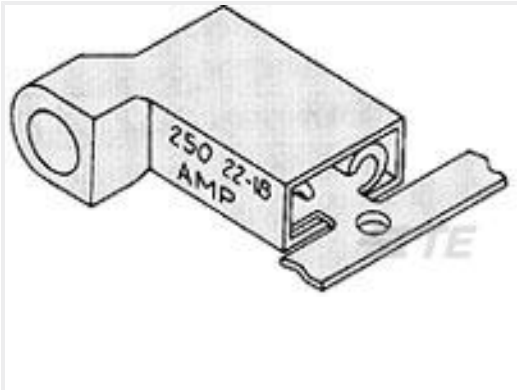
TE Part #CAT-J41-DDRC
DEUTSCH DT Receptacle Connectors



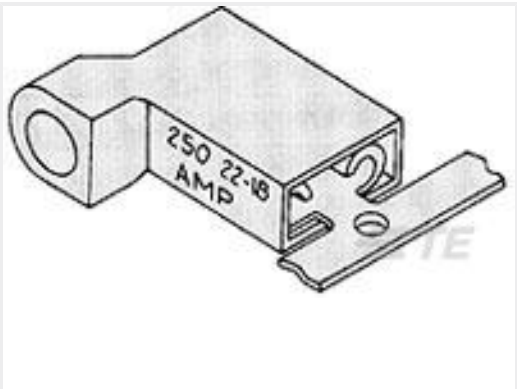
TE Part #42281-1
FF 250 REC 18-14AWG BR



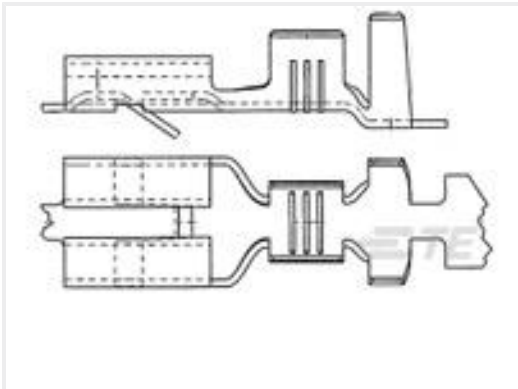
TE Part #60249-2
FF 250 REC 16-12AWG TPBR



TE Part #3-520340-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR



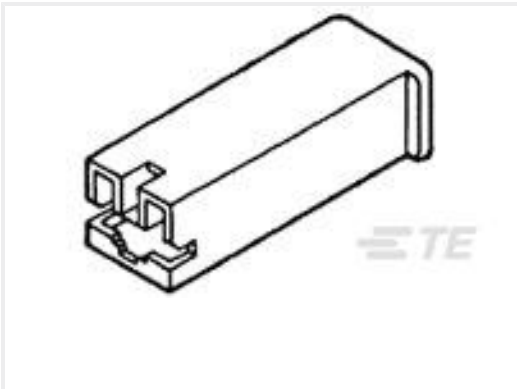
TE Part #3-520132-2
ULTRAFAST 250 ASSY FLAG REC 16-14 TPBR



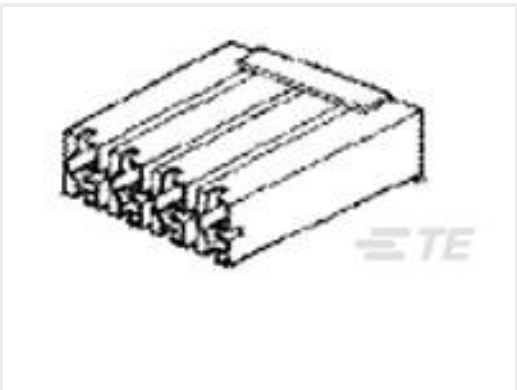
TE Part #281197-2
FF 187 REC 1.0-2.5MM2 PTBR



TE Part #638078-1
PIN, SF, SIZE 16, 14-18 AWG, AU/SN



TE Part #172076-2
PL MKII 250 REC HSG 1P NYLON BLACK



TE Part #174429-1
PL 250 HOUSING RECEPTACLE

Documents



Product Drawings

250 PL MKII REC. 18-14AWG TPBR

English

CAD Files

Customer View Model

ENG_CVM_CVM_63097-1_BF.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63097-1_BF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63097-1_BF.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Positive Lock Receptacles

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English