# 160831-4 ✔ ACTIVE

Positive Lock | Positive Lock 250

TE Internal #: 160831-4

Quick Disconnect Receptacle, Uninsulated, 17 – 13 AWG, 1.03 – 2.62 mm² Wire, 6.35 mm [.25 in] Tab Width, F-Crimp, Straight, Positive Lock 250

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **1.03 – 2.62 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 | Phosphor Bronze |
| 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 |
| Extraction Force | .7 – 10.2 kgf |

### Dimensions

| | |
|---|---|
| Product Length | 22.5 mm[.876 in] |
| Compatible Insulation Diameter Range | 3.1 – 4.3 mm[.12 – .169 in] |
| Terminal Material Thickness | .41 mm[.016 in] |
| Wire Size | 1.03 – 2.62 mm² |

### Usage Conditions

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

### Industry Standards

| | |
|---|---|
| Compatible With Agency/Standards Products | UL |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 1500 |
| Packaging Method | Strip/Reel |

## 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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



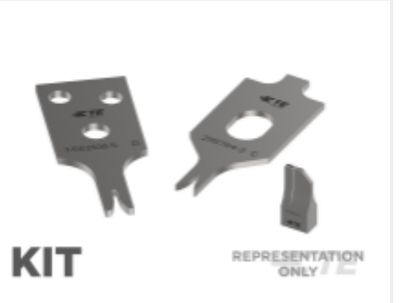
TE Part # 626580-2
PL 250 REC 1.0-2.5MM2 0.35X26.54 TPPHBZ



TE Part # 216331-2
.250 POS.LOCK L.I.F



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

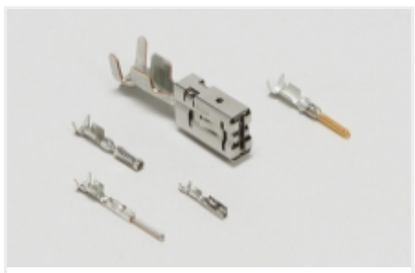



TE Part # 7-2266094-7
OCEAN_2.0_SPARE_PART_KIT-120F155F

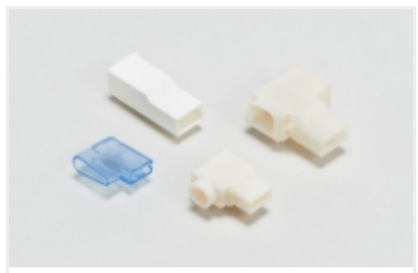


TE Part # 2266094-2
OCEAN_2.0_Applicator-S-120F155F-RSA

## Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(176)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(5)

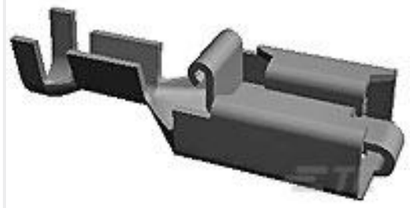


Quick Disconnects(171)

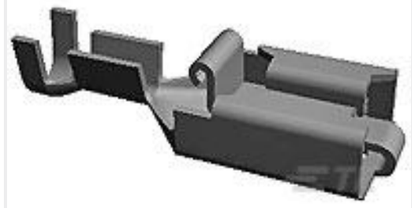
## Customers Also Bought



TE Part #T4161410008-002
RPC-M12-FR-8CON-PVC-1.0SH



TE Part #154718-1
250 PL MKI REC. 18-14AWG BR



TE Part #160773-6
PL LOOSE PIECE REC 0.5-1.5 MM2 PTPBR



TE Part #180430-2
250 FASTON,FLAG,REC.,20-16 AWG, TPBR



TE Part #180464-5
250 FASTON,FLAG,REC.,14-17AWG, LATON



TE Part #6-1393211-2
T92P7A22-240



TE Part #2133857-1
250 FASTON HSG.,FLAG,REC.,1 POS, NATRUAL

TE Part #838316-E
IDCCS SMC 1,27 16 * AU ADI 700 PVC

TE Part #PF0000570
P011TRANS__ 6.0X_50 _____ 3N




TE Part #1-180984-0
FASTON 250 FLAG BOOT NYLON NAT

## Documents

### Product Drawings

PL REC 1.0-2.5 MM2 .0160 X 2.060 TPPHBZ

English

### Customer View Model

ENG_CVM_CVM_160831-4_M.2d_dxf.zip

English

3D PDF

3D

## Customer View Model

ENG_CVM_CVM_160831-4_M.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_160831-4_M.3d_stp.zip

English

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

## 1654742_HOUSEHOLD_APPLIANCES_RAST5

English

## Product Specifications

### EB**General Application Specification for Open Barrel Terminals

English

### Application Specification

English