



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

Industry Standards

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

Termination Features

|                       |              |
|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
| Connection Capacity               | Single        |

Mechanical Attachment

|                         |        |
|-------------------------|--------|
| Wire Insulation Support | With   |
| Mating Retention Type   | Dimple |

Other

|                    |           |
|--------------------|-----------|
| Line               | Premier   |
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

Packaging Features



|                    |                    |
|--------------------|--------------------|
| Packaging Quantity | 500                |
| Packaging Method   | Loose Piece/Carton |

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               |

Product Type Features

|                 |     |
|-----------------|-----|
| Insertion Force | Low |
|-----------------|-----|

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] |

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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 # 752856-1  
DIE 90166-1

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

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

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

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

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

Also in the Series | FASTON 250

Compression Connectors(4)

Crimp Terminal Housings(132)

Insertion & Extraction Tools(6)

Magnet Wire Terminals(1)



PCB Terminals(134)

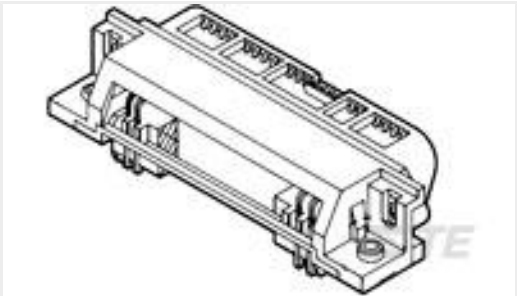


Quick Disconnects(425)



Splices(4)

Customers Also Bought



TE Part #5552744-1  
ASSY,RCPT,64 POSN,RTANG,PCB



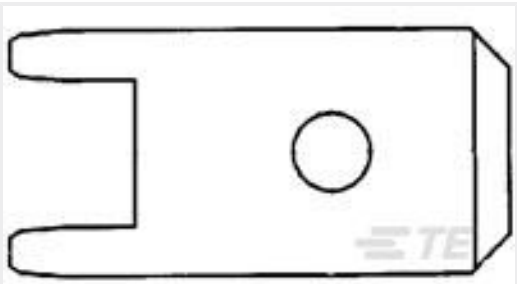
TE Part #1461405-3  
OJ-SH-105HM,000



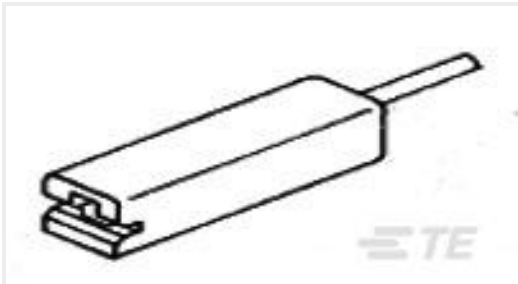
TE Part #1-2299960-1  
TRAY PACKAGE.THERMOCOUPLE  
CONN KTYPE TAB



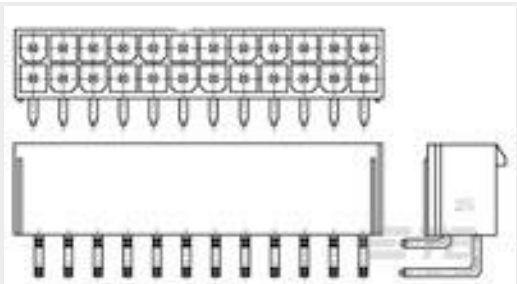
TE Part #5-160321-2  
FASTON 110 REC 22-20 AWG  
ELECTRO TPBR



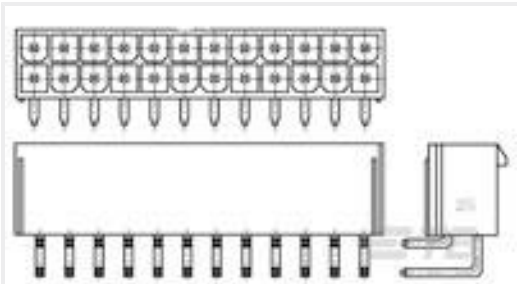
TE Part #170267-1  
250 FASTON,PCB TAB,TCBR



TE Part #1-480417-0  
110 FASTON HSG.,REC.,1 POS,  
NATURAL



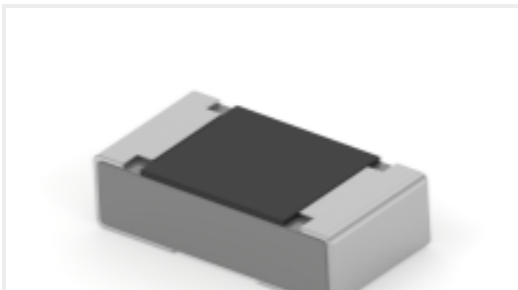
TE Part #1586041-2  
2P VAL-U-LOK R/A HDR V2



TE Part #1586041-4  
4P VAL-U-LOK R/A HDR V2



TE Part #5-2176337-1  
CRGCQ 0402 150K 1%



TE Part #9-2176474-4  
RA73F 1J 5K11 0.1% 1K RL

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

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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