



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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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

|                                                             |                                                              |                                                               |                                                            |
|-------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------|
| <p>TE Part # 752856-1<br/>DIE 90166-1</p>                   | <p>TE Part # 2-171706-1<br/>FASTON 250 INS POD NYLON NAT</p> | <p>TE Part # 5-160563-2<br/>250 FASTON REC 18-16 AWG TPBR</p> | <p>TE Part # 42025-4<br/>250 FASTON REC 18-16 AWG TPBR</p> |
| <p>TE Part # 91514-1<br/>CCII FASTON 250 REC 22-18 ASSY</p> | <p>TE Part # 90166-1<br/>DAHT 250 FASTON REC 22-18 ASSY</p>  |                                                               |                                                            |

Also in the Series | FASTON 250

|                                  |                                     |                                            |                                           |
|----------------------------------|-------------------------------------|--------------------------------------------|-------------------------------------------|
| <p>Compression Connectors(4)</p> | <p>Crimp Terminal Housings(116)</p> | <p>Insertion &amp; Extraction Tools(6)</p> | <p>Insulation Boots &amp; Sleeves(16)</p> |
|----------------------------------|-------------------------------------|--------------------------------------------|-------------------------------------------|



Magnet Wire Terminals(1)



PCB Terminals(133)

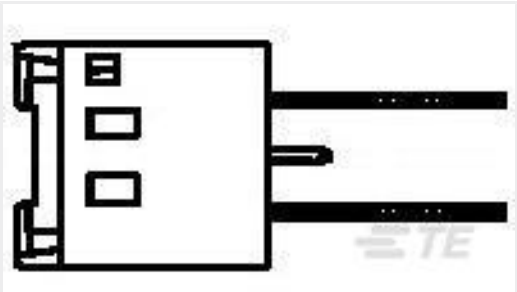


Quick Disconnects(421)



Splices(4)

Customers Also Bought



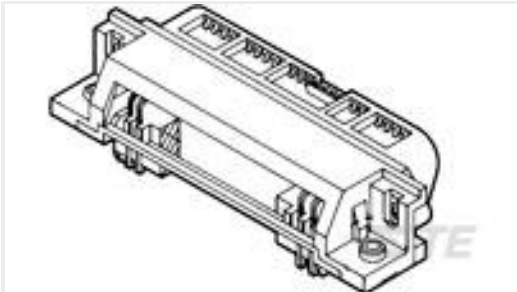
TE Part #1871845-3  
GIC 2.5 ON TAPE HDR TIN VERSION  
3P



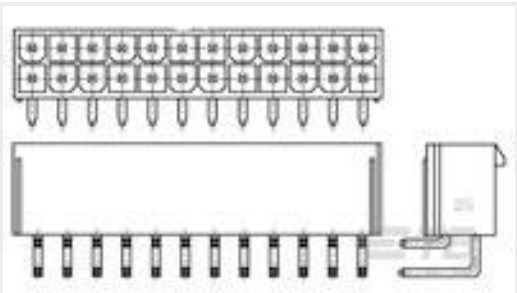
TE Part #5-1676480-0  
CRG0402 1% 330R



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



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



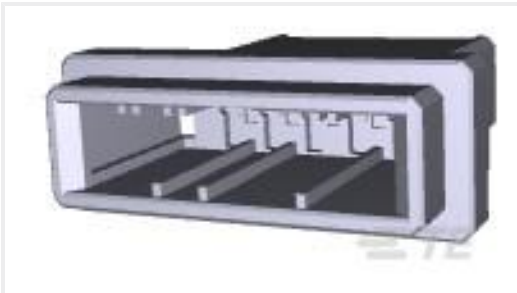
TE Part #1586041-2  
2P VAL-U-LOK R/A HDR V2



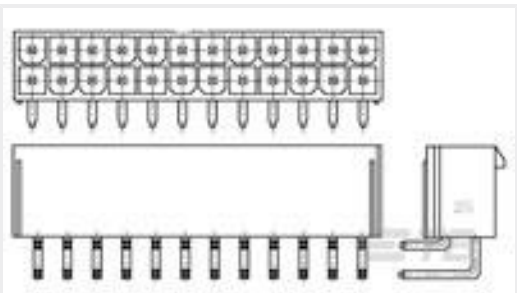
TE Part #42470-1  
110 FASTON REC 22-18 AWG TPBR



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



TE Part #1-177648-5  
D3100S DYNAMIC W-T-W TAB HSG



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



TE Part #5-1376492-3  
2.5MM SIGNAL MATE CONN ON  
TAPE

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