# 2-520273-2 ✔ ACTIVE

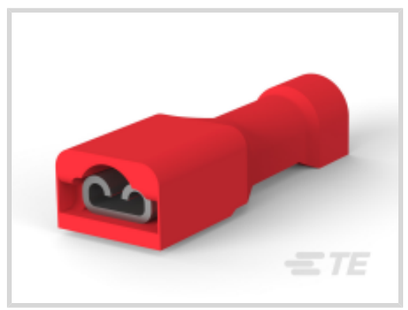
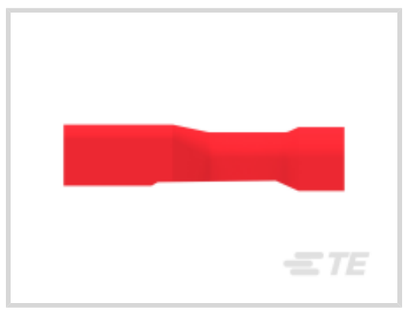
Ultra-Fast | Ultra-Fast 110

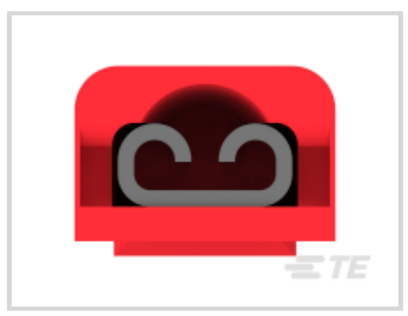
TE Internal #: 2-520273-2

Quick Disconnect Receptacle, 22 – 18 AWG, .32 – .82 mm² Wire, 2.8 mm / 3.18 mm [.11 in / .125 in] Tab Width, Straight, Brass, Ultra-Fast 110

View on TE.com >

Terminals & Splices > Quick Disconnects

Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.32 – .82 mm²**

Mating Tab Width: **3.18 mm, 2.8 mm [ .11 in, .125 in ]**

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

## Features

### Industry Standards

| | |
|---|---|
| Compatible With Agency/Standards Products | UL |
| UL Flammability Rating | UL 94V-2 |

### Termination Features

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

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Voltage Rating | 600 V |

### Body Features

| | |
|---|---|
| Insulation Material | Nylon |

### Mechanical Attachment

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

### Other

| | |
|---|---|
| Barrel Color | Red |
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

### Product Type Features

| | |
|---|---|
| Terminal Features | Wire Stop |
| Insertion Force | Normal |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 1000 |
| Packaging Method | Loose Piece/Carton |

### Dimensions

| | |
|---|---|
| Product Length | 18.67 mm[.735 in] |
| Compatible Insulation Diameter Range | 3.05 mm[.12 in] |
| Terminal Material Thickness | .41 mm[.016 in] |
| Wire Size | .32 – .82 mm² |

### Contact Features

| | |
|---|---|
| Quick Disconnect Terminal Type | Receptacle |
| Mating Tab Width | 3.18 mm, 2.8 mm[.11 in][.125 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 | Closed |

### Usage Conditions

| | |
|---|---|
| Insulation Option | Fully Insulated |
| 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 # 58628-1
PROCRIMP T&D 26-14 ULTRAFAST



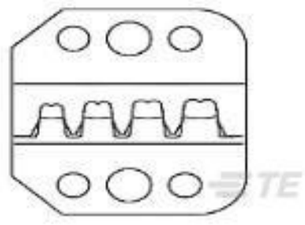
TE Part # 2217481-2
KIT, BTLI, SDE CLOSED HEAD



TE Part # 2217481-1
KIT, BTLI, SDE CLOSED HEAD



TE Part # 90390-3
DIES ULTRA-FAST FASTON 22-18 DIE SET



TE Part # 58628-2
PROCRMP DIESET 26-14 ULTRAFAST

## Also in the Series | Ultra-Fast 110

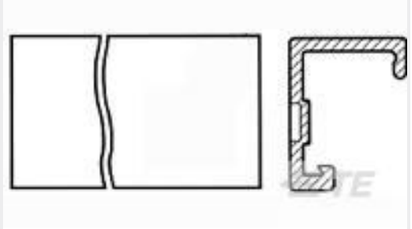


Quick Disconnects(14)

## Customers Also Bought



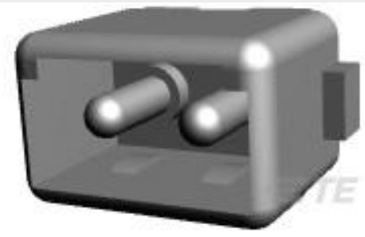
TE Part #179228-7
CT CRIMP-2 REC HSG 7P NATURAL



TE Part #640551-5
05P MTA156 COVER



TE Part #3-640427-8
08P MTA156 CONN ASSY 20AWG YEL



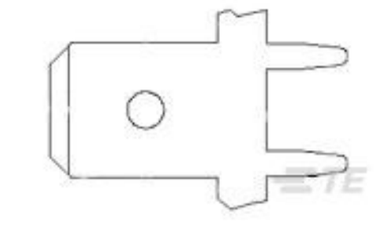
TE Part #350209-1
02P CMNL HDR ASSY PC NATL



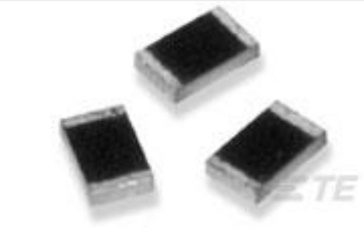
TE Part #8-1437657-0
8PCV-04-006=#8 TRIBARRIER



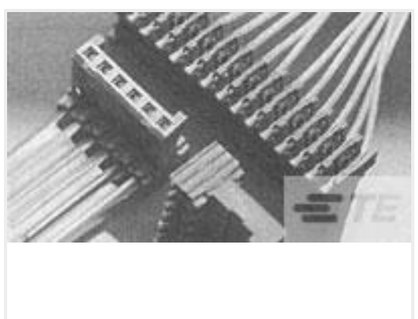
TE Part #1-104482-4
32 SHORT PT RCPT HSG DR .100CL



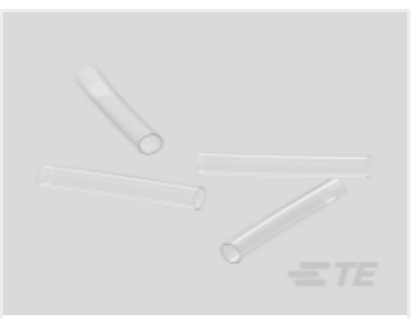
TE Part #1217539-1
250 FASTON,PCB TAB,TCBR



TE Part #1879262-4
RP 2B 13K3 0.1% 15PPM CUT LENGTH



TE Part #144273-4
PLUG HE13 IDC 90 4 P AWG 24



TE Part #EM42006001
RW-175-E-1/4-X-50MM

## Documents

### Product Drawings

ULTRAFAST 110 ASSY REC 22-18 TPBR LP

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-520273-2_D.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_2-520273-2_D.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_2-520273-2_D.3d_stp.zip

English

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

## Datasheets & Catalog Pages

### Ultra-Fast and Ultra Fast Plus

English

## Product Specifications

### Application Specification

English

## Agency Approvals

### Agency Approval Document

English