

4-521098-2 ✓ ACTIVE

Ultra-Fast | Ultra-Fast 250

TE Internal #: 4-521098-2

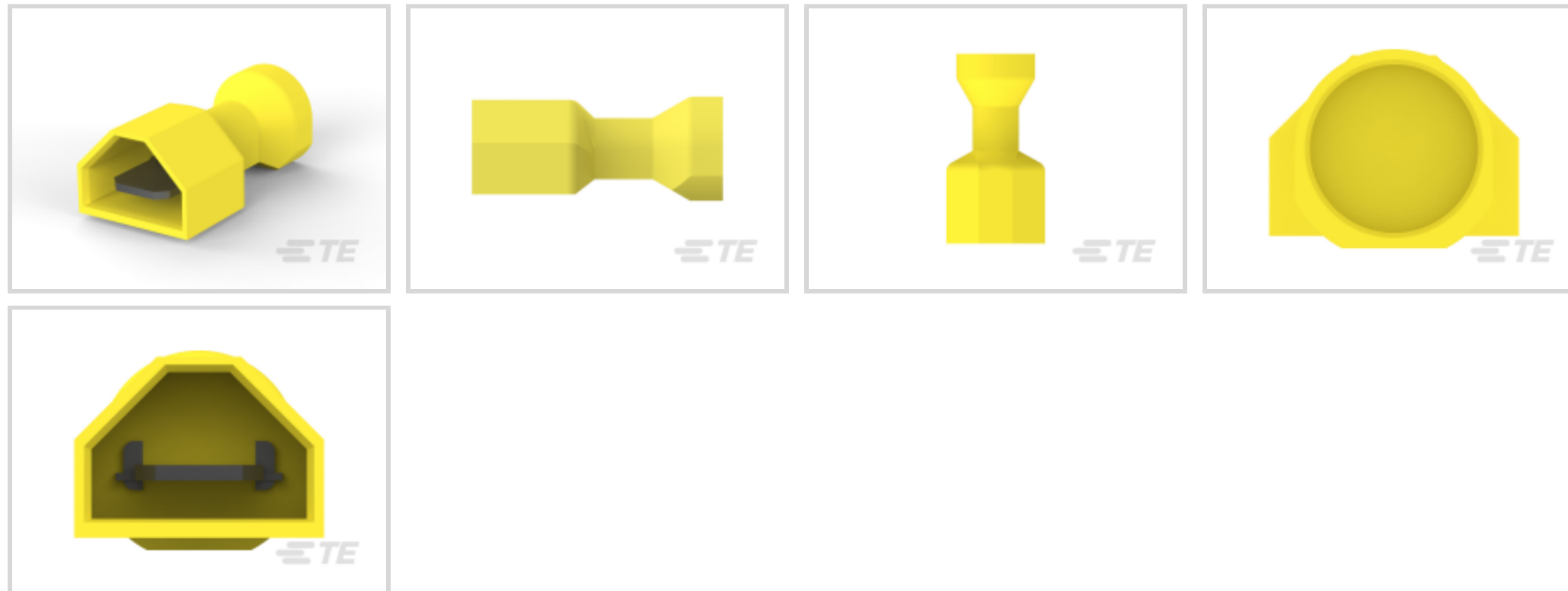
Quick Disconnects, Tab, 12 – 10 AWG Wire Size, 3.31 – 5.26 mm<sup>2</sup>

Wire Size, 6529 – 10382 CMA Wire Size, Ultra-Fast 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Tab**

Wire Size: **6529 – 10382 CMA**

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

## Features

### Product Type Features

|                 |              |
|-----------------|--------------|
| Terminates To   | Wire & Cable |
| Wire/Cable Type | Regular Wire |
| Wire Stop       | No           |
| Insertion Force | Normal       |
| Sealable        | No           |

### Configuration Features

|                     |        |
|---------------------|--------|
| Connection Capacity | Single |
|---------------------|--------|

### Electrical Characteristics

|               |       |
|---------------|-------|
| Voltage (Max) | 600 V |
|---------------|-------|

### Body Features

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

### Contact Features

|                                |                  |
|--------------------------------|------------------|
| Quick Disconnect Terminal Type | Tab              |
| 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               | Closed  |

### Mechanical Attachment

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

### Dimensions

|  |                   |
|--|-------------------|
| Accepts Wire Insulation Diameter Range | 8.13 mm[.32 in]   |
| Receptacle Terminal Stock Thickness    | .41 mm[.016 in]   |
| Overall Length                         | 23.75 mm[.935 in] |
| Wire Size                              | 6529 – 10382 CMA  |

### Usage Conditions

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

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
| UL Rating              | Listed   |

### Packaging Features

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

### Other

|              |        |
|--------------|--------|
| Barrel Color | Yellow |
|--------------|--------|

### 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 2022 (223)<br>Candidate List Declared Against: JAN 2022 (223) |



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 # 58630-1  
PROCrimp HT&D 12-10 ULTRAFast

TE Part # 58630-2  
PROCrimp DIESET 12-10 ULTRAFast

TE Part # 224027-1  
DIEs FASTON REC 10AWG DIE SET

TE Part # 224027-2  
DIEs FASTON REC 12AWG DIE SET

## Also in the Series | Ultra-Fast 250

Quick Disconnects(49)

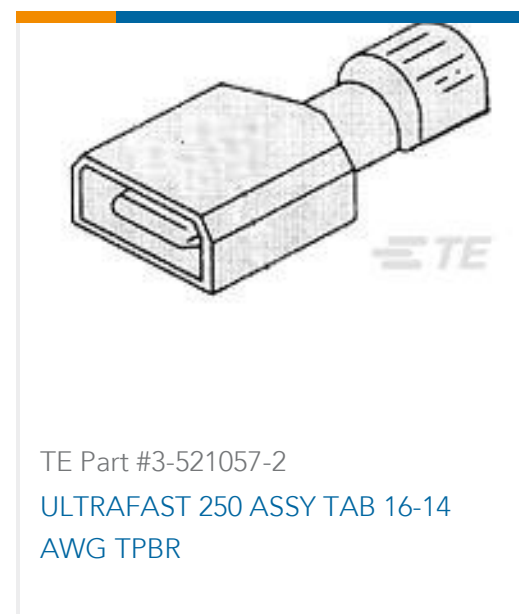
## Customers Also Bought



TE Part #HD34-24-16PE  
DEUTSCH HD30 HOUSINGS



TE Part #34072  
SPLICE, PG BUTT 12-10



TE Part #3-521057-2  
ULTRAFast 250 ASSY TAB 16-14  
AWG TPBR



TE Part #1-1393248-0  
W33-S1N1Q-20=W33



TE Part #3-1393248-9  
W33-T2N1Q-20=W33



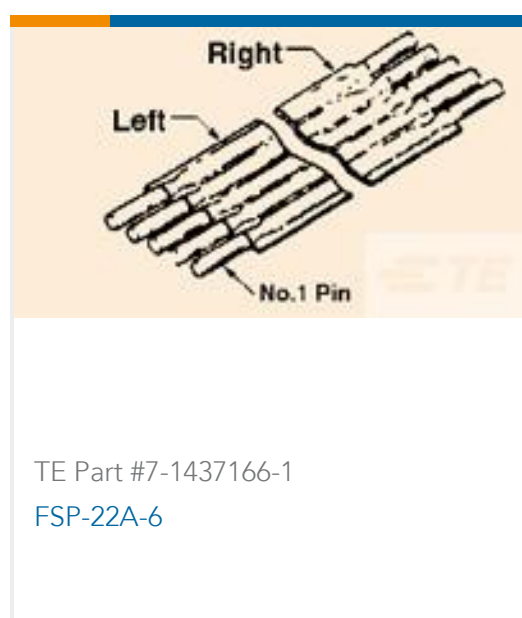
TE Part #6-1879501-3  
CRGH2512 5% 390R 2W



TE Part #1-6609027-7  
20EK1=F7097 S0



TE Part #3-521191-2  
ULTRAFast 250 ASY TAB 16-14 AWG  
TPBR



TE Part #7-1437166-1  
FSP-22A-6

## Documents

### Product Drawings

[ULTRAFast 250 ASSEMBLY 12-10 AWG TPBR](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_4-521098-2\\_A.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_4-521098-2\\_A.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_4-521098-2\\_A.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

#### Application Specification

English

---

### Product Environmental Compliance

#### MD\_4-521098-2\_050420142228\_dmtec

English

#### MD\_4-521098-2\_050420142228\_dmtec

English

---

### Agency Approvals

#### UL

English