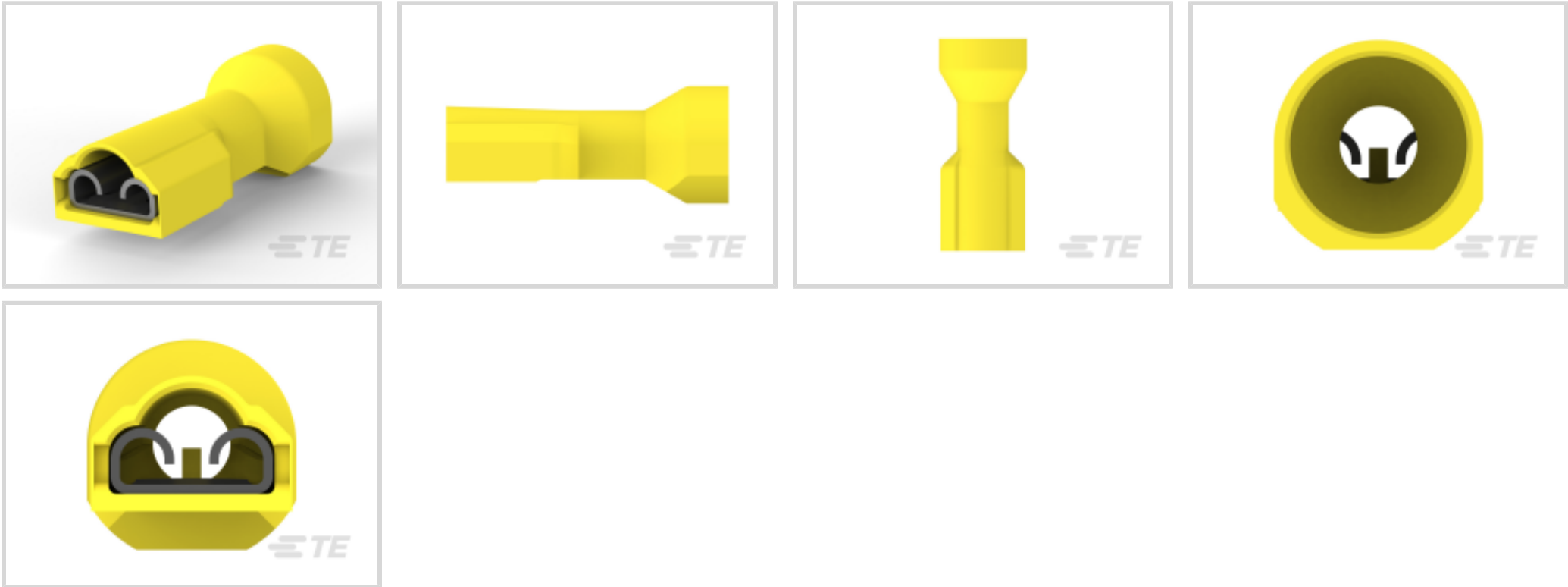




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **6529 – 10382 CMA**

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

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

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

Body Features

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

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               | Closed  |

Termination Features

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

Mechanical Attachment

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

Dimensions

|                                      |                  |
|--------------------------------------|------------------|
| Product Length                       | 23.7 mm[.935 in] |
| Compatible Insulation Diameter Range | 8.13 mm[.32 in]  |
| Terminal Material Thickness          | .41 mm[.016 in]  |
| Wire Size                            | 6529 – 10382 CMA |

Usage Conditions

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

Industry Standards

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

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 2025 (247) |



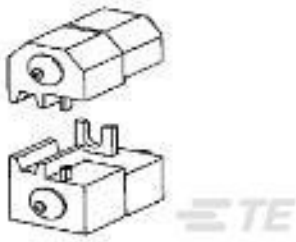
Candidate List Declared Against: JAN 2025 (247)  
Does not contain REACH SVHC

|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| 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



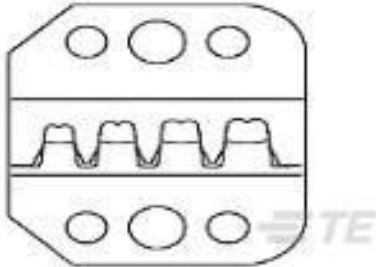
TE Part # 224027-1  
DIE FASTON REC 10AWG DIE SET



TE Part # 2844990-1  
KIT,BTLI,C HEAD



TE Part # 58630-1  
PROCRIMP HT&D 12-10 ULTRAFast



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

Also in the Series | Ultra-Fast 250



Automotive Housings(3)

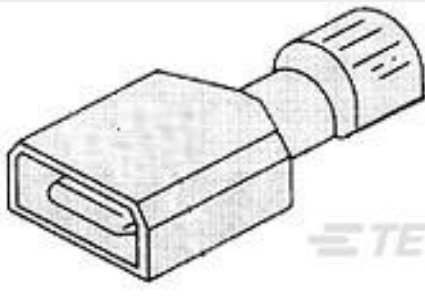


Quick Disconnects(49)

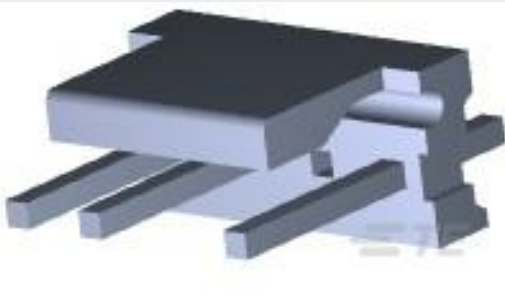
Customers Also Bought



TE Part #276959-2  
SPLICE,TERMI-FOIL TAP



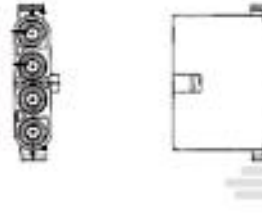
TE Part #4-521098-2  
ULTRA-FAST 250 ASSEMBLY 12-10 AWG TPBR



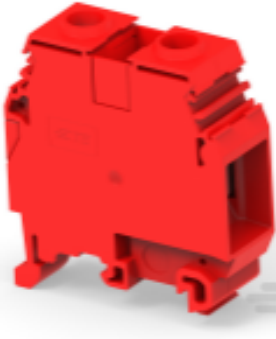
TE Part #643493-1  
04P MTA156 HDR ASSY STR W/O#2



TE Part #293389-1  
MICRO QUADLOK SYSTEM PIN CONTACT



TE Part #794117-1  
04P .156 MNL CAP FREE-HANGING



TE Part #1SNA400195R2200  
M35/16



TE Part #320306  
TERMINAL,PIDG HK 16-14 8



TE Part #ER2166-000  
RPS-CT-50M-6.4-OUT-0



TE Part #770266-1  
02P .093 COMM P&S RECPT .248CL



TE Part #371176N001  
D-1744-02CS378

Documents

Product Drawings

ULTRAFast 250 ASSY REC 12-10 TPBR LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-520448-2\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-520448-2\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-520448-2\_C.3d\_stp.zip

English

3D PDF

English



Customer View Model

[ENG\\_CVM\\_4-520448-2\\_H.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_4-520448-2\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_4-520448-2\\_H.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[Ultra-Fast and Ultra Fast Plus](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English