

2-520128-2 ✓ ACTIVE

Ultra-Fast | Ultra-Fast 250

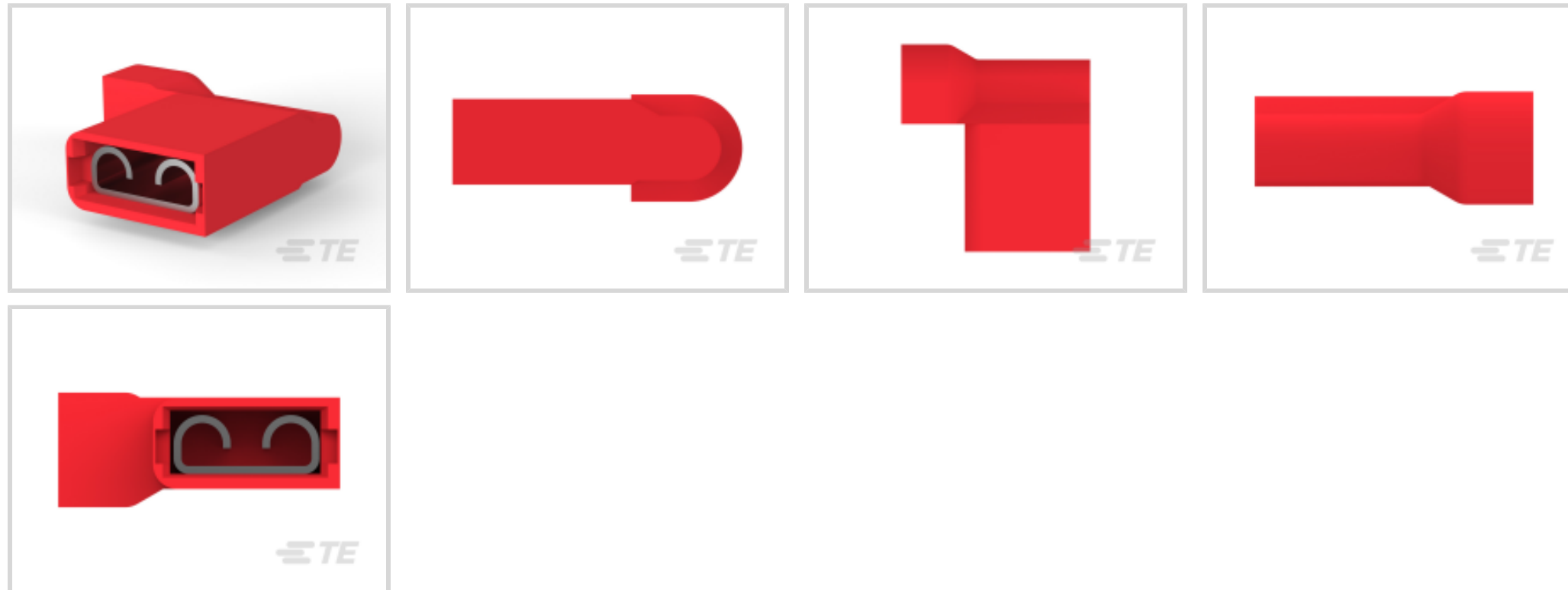
TE Internal #: 2-520128-2

Quick Disconnects, Receptacle, 22 – 18 AWG Wire Size, .32 – .82 mm<sup>2</sup> Wire Size, Mating Tab Width 6.35 mm [.25 in], Flag, Brass, Ultra-Fast 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 mm<sup>2</sup>

Mating Tab Width: 6.35 mm [.25 in]

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

## Features

### Product Type Features

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

### Configuration Features

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

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

### 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 | Flag |
|----------------------|------|

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

|                             |                 |
|-----------------------------|-----------------|
| Terminal Material Thickness | .41 mm[.016 in] |
|-----------------------------|-----------------|

|                |                  |
|----------------|------------------|
| Product Length | 14.73 mm[.58 in] |
|----------------|------------------|

|                                      |                  |
|--------------------------------------|------------------|
| Compatible Insulation Diameter Range | 4.19 mm[.165 in] |
|--------------------------------------|------------------|

|           |                           |
|-----------|---------------------------|
| Wire Size | .32 – .82 mm <sup>2</sup> |
|-----------|---------------------------|

### 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 | 2200 |
|--------------------|------|

|                  |            |
|------------------|------------|
| Packaging Method | Strip/Reel |
|------------------|------------|

### Other

|              |     |
|--------------|-----|
| Barrel Color | Red |
|--------------|-----|

## 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: JAN 2024 (240)<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 # 90390-3  
DIES ULTRA-FAST FASTON 22-18 DIE SET




TE Part # 2150252-2  
OCEAN\_2.0\_APPLICATOR-E-201D-SEA




TE Part # 7-2150252-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-201D

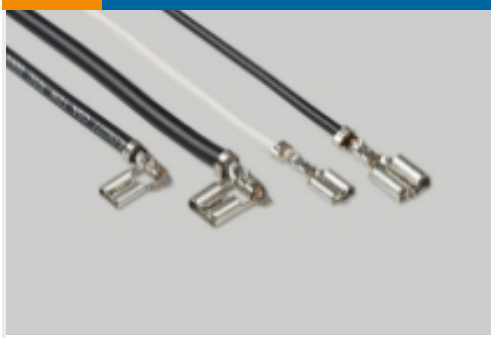
### Also in the Series | Ultra-Fast 250



Automotive Connector Caps & Covers (1)

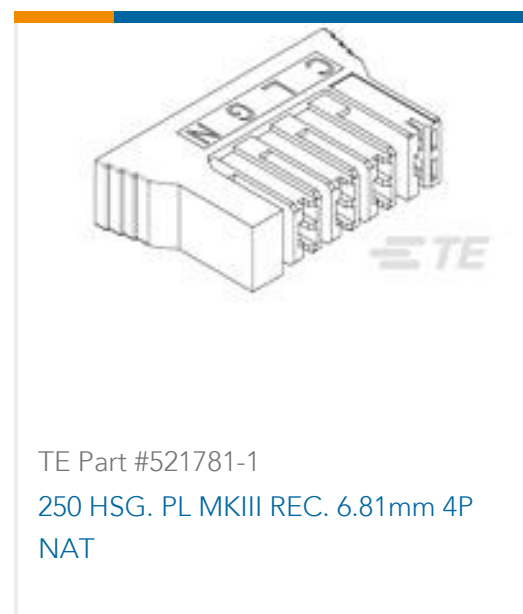
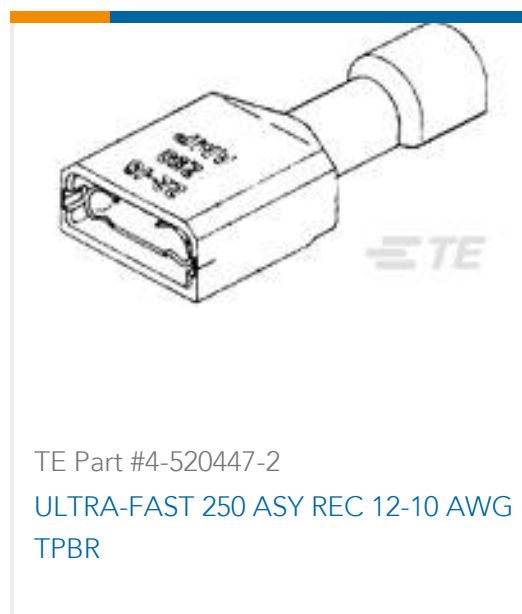


Automotive Housings(5)



Quick Disconnects(49)

### Customers Also Bought



## Documents

### Product Drawings

[ULTRA-FAST 250 ASY REC 22-18 AWG TPBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-520128-2\\_W.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-520128-2\\_W.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-520128-2\\_W.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages



## Ultra-Fast and Ultra Fast Plus

English

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## Product Specifications

### Application Specification

English

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## Agency Approvals

### UL

English