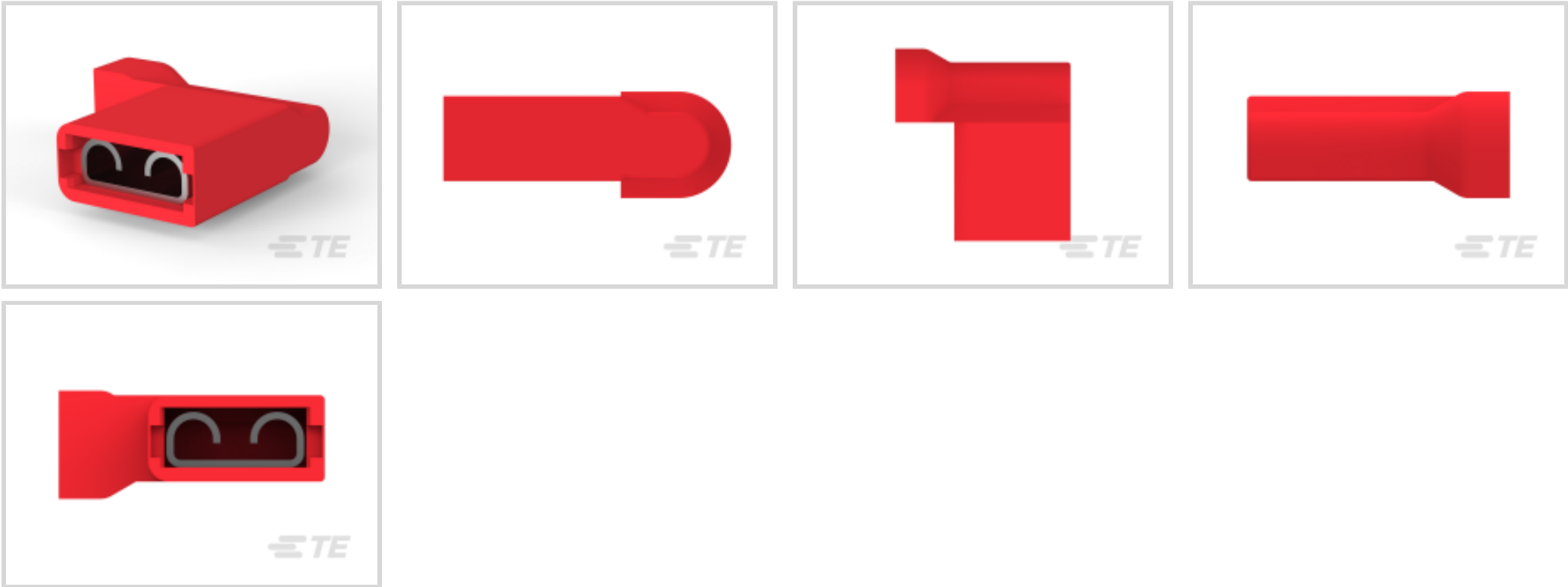




Terminals & Splices > Quick Disconnects



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

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

Configuration Features

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

Electrical Characteristics

| | |
|---------------|-------|
| Voltage (Max) | 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 | Flag |
| 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 | 4.19 mm[.165 in] |
| Receptacle Terminal Stock Thickness | .41 mm[.016 in] |
| Overall Length | 14.73 mm[.58 in] |
| Wire Size | .32 – .82 mm² |

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 | 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: JAN 2022 (223)
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 # 90390-3
DIES ULTRA-FAST FASTON 22-18 DIE SET

Also in the Series | Ultra-Fast 250

Quick Disconnects(49)

Customers Also Bought





TE Part #4-640442-4
Nylon Tin Plated Receptacle: 2.54mm, No Mating Alignment, MTA 100



TE Part #52955-2
TERMINAL,PG SPR SPD 16-14 6



TE Part #1-2364688-4
AVH22 FLT SS LK R+P GRN 12V16A



TE Part #6-2338245-4
EP2.5 HDR 4P VERT BOSS,yellow,UL



TE Part #8-2338245-5
EP2.5 HDR 5P VERT BOSS,GREEN,UL

TE Part #2-18024-6
SCREW,CAP,BUTTON SOCK HEAD (M8x25)

Documents

Product Drawings

ULTRAFast 250 ASSY FLAG 22-18 TPBR LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-520129-2_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-520129-2_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-520129-2_S.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

Product Environmental Compliance

MD_2-520129-2_06122018947_dmtec



English

[MD_2-520129-2_06122018947_dmtec](#)

English

Agency Approvals

[UL](#)

English