



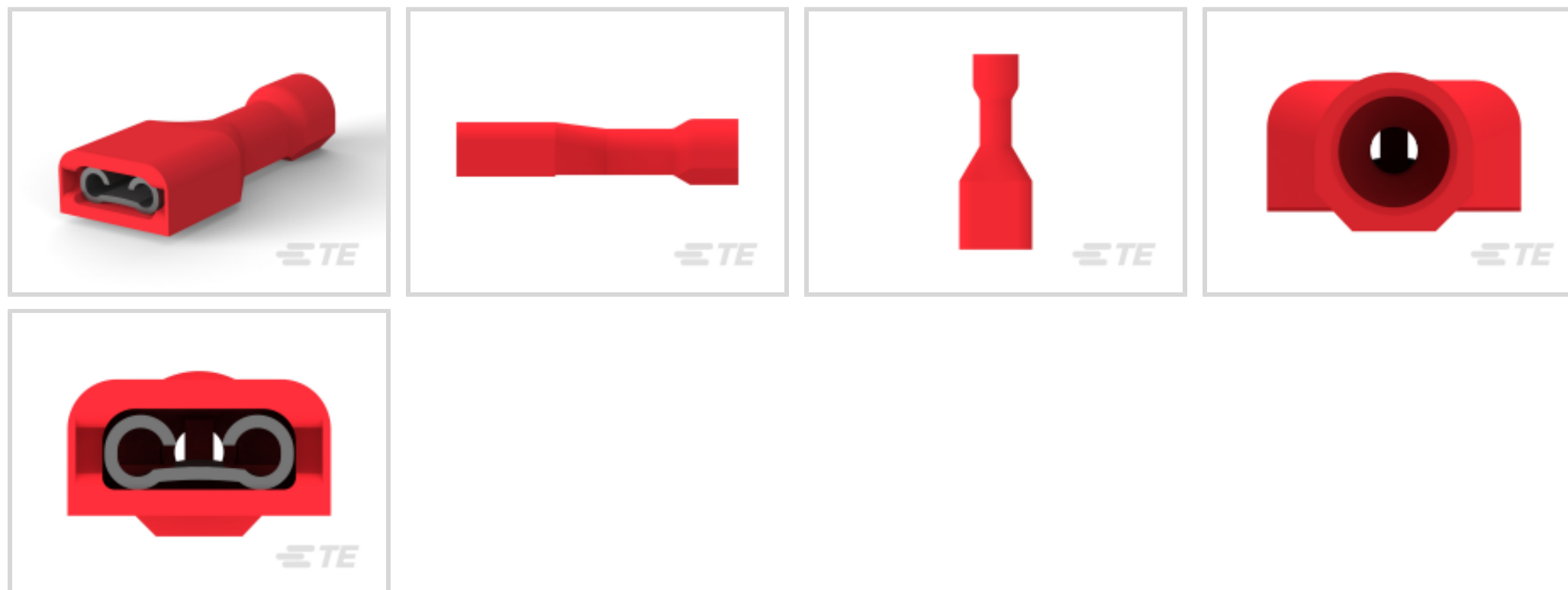
Ultra-Fast | Ultra-Fast 187

TE Internal #: 2-520403-2

Quick Disconnects, Receptacle, 22 – 18 AWG Wire Size, .32 – .82 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Brass, Ultra-Fast 187

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 mm²

Mating Tab Width: 4.75 mm [.187 in]

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

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

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

Body Features

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

Contact Features

| | |
|--------------------------------|-------------------|
| Quick Disconnect Terminal Type | Receptacle |
| Mating Tab Width | 4.75 mm [.187 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

| | |
|--------------------------------------|-------------------------------|
| Terminal Material Thickness | .41 mm[.016 in] |
| Product Length | 21.75 mm[.855 in] |
| Compatible Insulation Diameter Range | 1.52 – 3.43 mm[.06 – .135 in] |
| Wire Size | .32 – .82 mm ² |

Usage Conditions

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

Industry Standards

| | |
|------------------------|----------|
| Agency/Standard | UL |
| UL Flammability Rating | UL 94V-2 |

Packaging Features

| | |
|--------------------|------------|
| Packaging Quantity | 2700 |
| 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 2023 (235)
 Candidate List Declared Against: JUNE 2023 (235)
 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

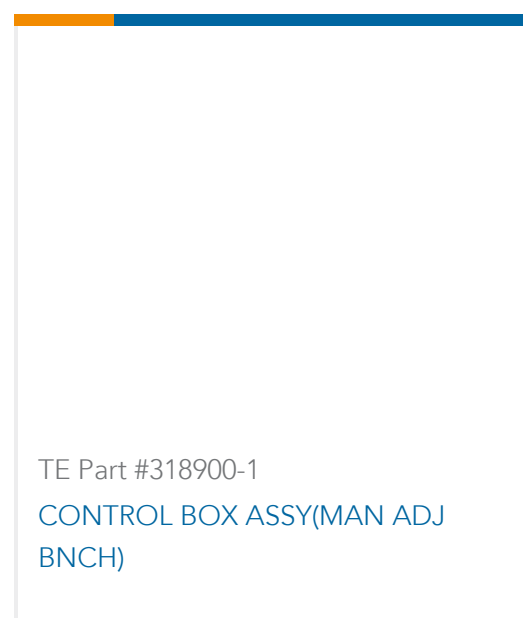


Also in the Series | [Ultra-Fast 187](#)



Quick Disconnects(47)

Customers Also Bought



Documents

Product Drawings

[ULTRA-FAST 187 ASY REC 22-18 TPBR](#)

English

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_2-520403-2_L.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2-520403-2_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-520403-2_L.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance Document](#)

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[Product Compliance Document](#)

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Agency Approvals

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