



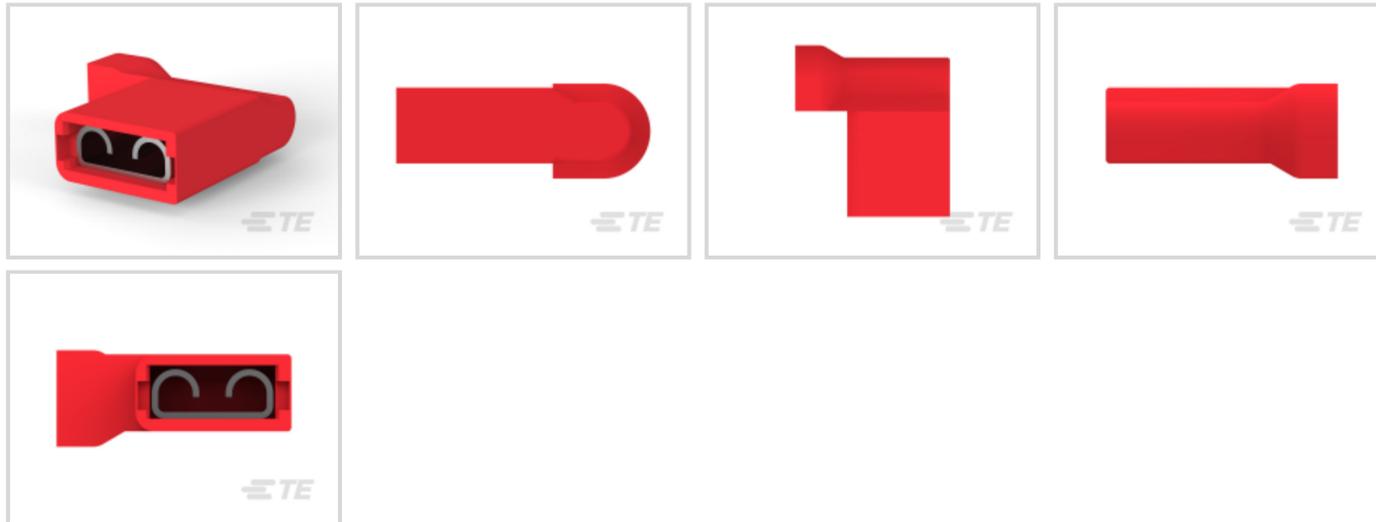
Ultra-Fast | Ultra-Fast 250

TE Internal #: 2-520129-2

Quick Disconnect Receptacle, Fully Insulated, 22 – 18 AWG, .32 – .82 mm² Wire, 6.35 mm [.25 in] Tab Width, F-Crimp, Flag, Brass, Ultra-Fast 250

[View on TE.com >](#)

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

Insertion Force	Low
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Electrical Characteristics

Voltage Rating	600 V
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Body Features

Insulation Material	Nylon
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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
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Crimp Type	F-Crimp
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Barrel Type	Closed
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Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
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Mating Retention Type	Dimple
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Dimensions

Product Length	14.73 mm [.58 in]
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Compatible Insulation Diameter Range	4.19 mm [.165 in]
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Terminal Material Thickness	.41 mm [.016 in]
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Wire Size	.32 – .82 mm ²
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Usage Conditions

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

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

Packaging Quantity	1000
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Packaging Method	Loose Piece/Carton
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Other

Barrel Color	Red
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)
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Candidate List Declared Against: JUNE 2025 (250)
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

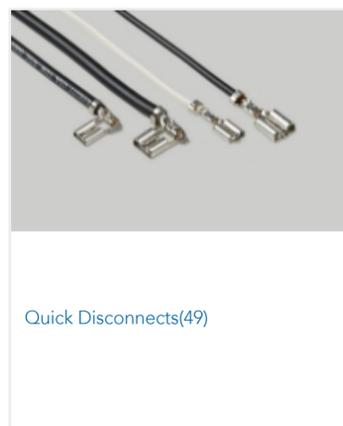
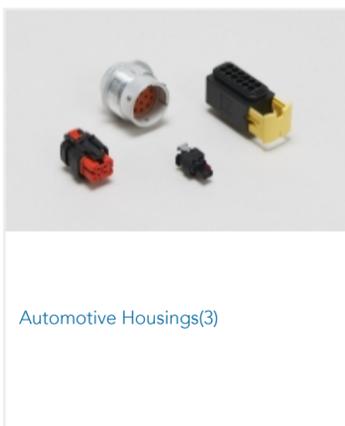
Product Compliance Disclaimer

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 250



Customers Also Bought



TE Part #CAT-T3437-Z1
Z-Type Push-On Markers



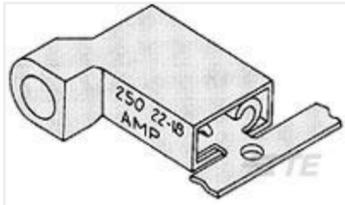
TE Part #845482-000
STD15W-T



TE Part #103309-3
016 LOPRO HDR SP 30DP



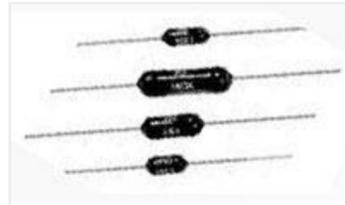
TE Part #160018-1
RING TONGUE 176 20-16 AWG 0.251
STNP



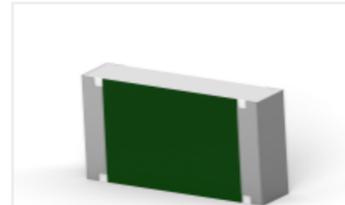
TE Part #3-520133-2
ULTRA-FAST 250 ASY REC 16-14 AWG
TPBR



TE Part #5-1879026-6
YR1 0.1% 316K



TE Part #4-1879664-5
H8 3K32 0.1% 15PPM



TE Part #4-2176399-6
3502 1M5 5%



TE Part #3-1618058-4
WD81OU-003=RELAY, OVR/UNDR FRE

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

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Datasheets & Catalog Pages



Ultra-Fast and Ultra Fast Plus

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English