

2-520102-1 ✓ ACTIVE

Ultra-Fast | Ultra-Fast 250

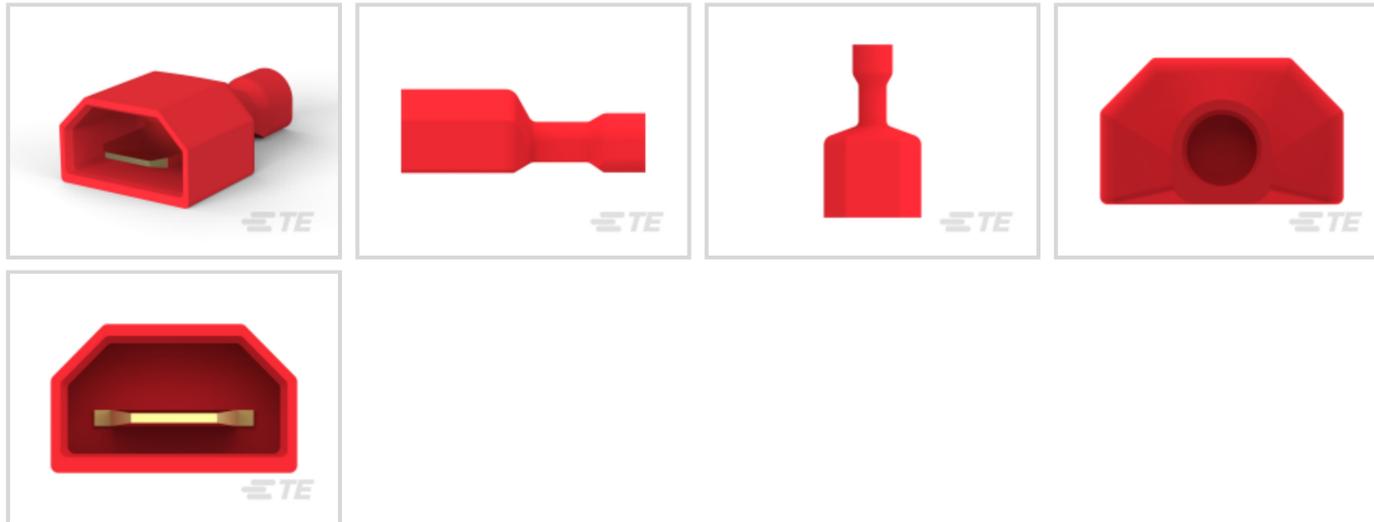
TE Internal #: 2-520102-1

Quick Disconnects, Tab, 22 - 18 AWG Wire Size, .32 - .82 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, Ultra-Fast 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Tab**

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	Normal
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Configuration Features

Connection Capacity	Single
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Compatible With Wire & Cable Type	Discrete Wire
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Body Features

Insulation Material	Nylon
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Contact Features

Quick Disconnect Terminal Type	Tab
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Mating Tab Width	6.35 mm [.25 in]
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Mating Tab Thickness	.81 mm [.032 in]
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Terminal Orientation	Straight
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Contact Base Material	Brass
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Terminal Plating Material	Unplated
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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

Terminal Material Thickness	.41 mm[.016 in]
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Product Length	21.75 mm[.855 in]
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Compatible Insulation Diameter Range	3.43 mm[.135 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	1400
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Packaging Method	Strip/Reel
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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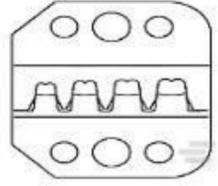


Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # 58628-2
PROCIMP DIESET 26-14 ULTRAFAST



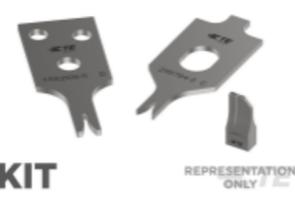
TE Part # 90390-3
DIES ULTRA-FAST FASTON 22-18 DIE SET



TE Part # 58628-1
PROCIMP T&D 26-14 ULTRAFAST



TE Part # 2151034-2
OCEAN_2.0_APPLICATOR-S-176O



KIT
REPRESENTATION ONLY

TE Part # 7-2151034-7
OCEAN_2.0_SPARE_PART_KIT-176O

Also in the Series | Ultra-Fast 250



Automotive Connector Caps & Covers
(1)

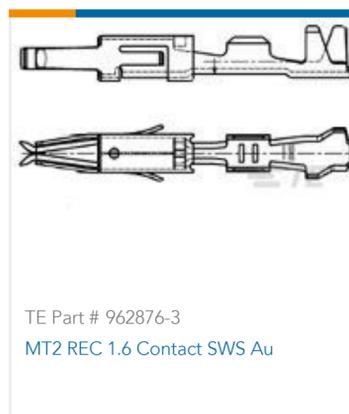


Automotive Housings(5)



Quick Disconnects(49)

Customers Also Bought



Documents

Product Drawings

[ULTRA-FAST 250 ASSEMBLY TAB 22-18 AWG BR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-520102-1_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-520102-1_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-520102-1_N.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English