

2-520306-2 ✓ ACTIVE

Ultra-Fast | Ultra-Fast 110

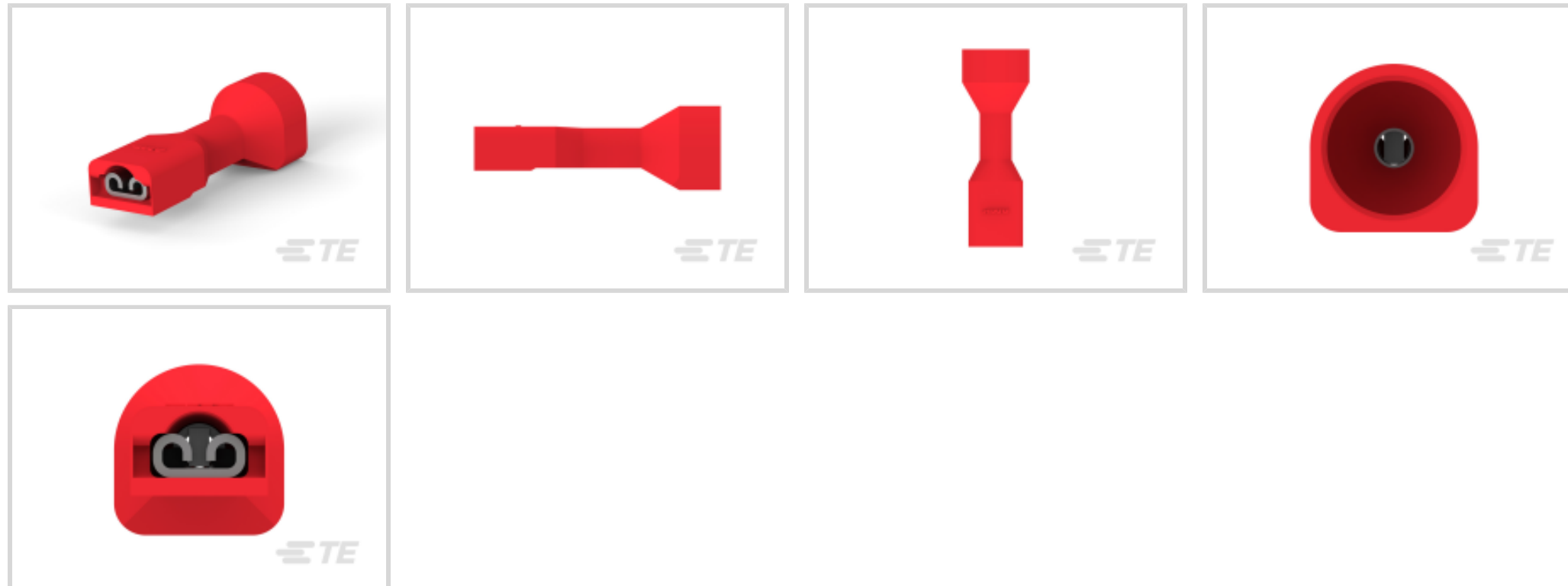
TE Internal #: 2-520306-2

Quick Disconnects, Receptacle, 22 – 18 AWG Wire Size, .32 – .82 mm² Wire Size, Mating Tab Width .11 in / .125 in [2.8 mm / 3.18 mm], Ultra-Fast 110

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 mm²

Mating Tab Width: 2.8 mm, 3.18 mm [.11 in, .125 in]

Mating Tab Thickness: .51 mm [.02 in]

Features

Product Type Features

Terminates To	Wire & Cable
Wire/Cable Type	Regular Wire
Wire Stop	Yes
Insertion Force	Normal
Sealable	No

Configuration Features

Connection Capacity	Single
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Electrical Characteristics

Voltage (Max)	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	2.8 mm, 3.18 mm [.11 in][.125 in]



Mating Tab Thickness	.51 mm[.02 in]
Terminal Orientation	Straight
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	5.84 mm[.23 in]
Receptacle Terminal Stock Thickness	.41 mm[.016 in]
Overall Length	22.01 mm[.865 in]
Wire Size	.32 – .82 mm ²

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	2000
Packaging Method	Strip/Reel

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
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 2022
(224)

Candidate List Declared Against: JAN 2022
(223)

SVHC > Threshold:
Not Yet Reviewed

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 # 58628-1
PROCIMP T&D 26-14 ULTRAFast

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

TE Part # 2-2151698-2
OCEAN_2.0_APPLICATOR-S-FA-1760

TE Part # 2151698-2
OCEAN_2.0_APPLICATOR-S-FA-1760

TE Part # 7-2151698-2
OCEAN_2.0_APPLICATOR-S-FA-1760

TE Part # 7-2151698-7
OCEAN_2.0_SPARE_PART_KIT-1760

Also in the Series | **Ultra-Fast 110**

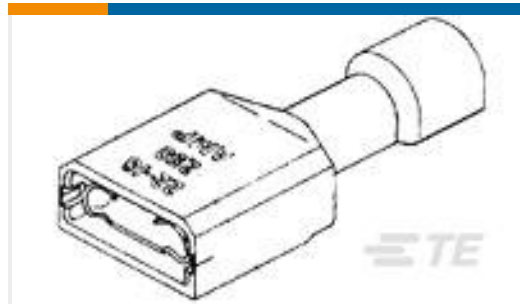


Quick Disconnects(14)

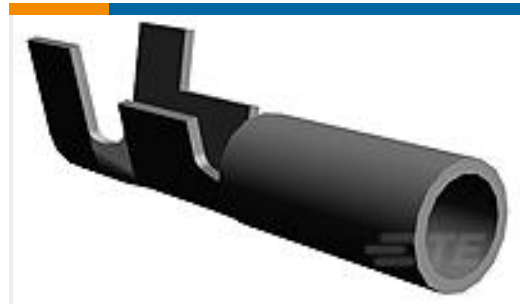
Customers Also Bought



TE Part #CM9614-000
SBP100143WE5



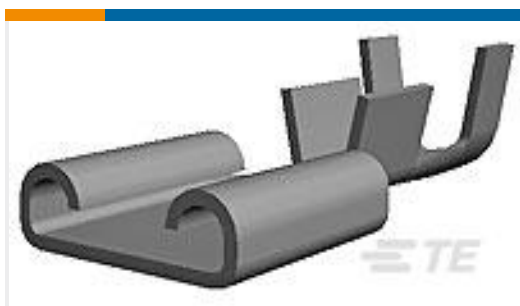
TE Part #2-521406-2
205 ULTRA-FAST RCPT 22-18 TPBR



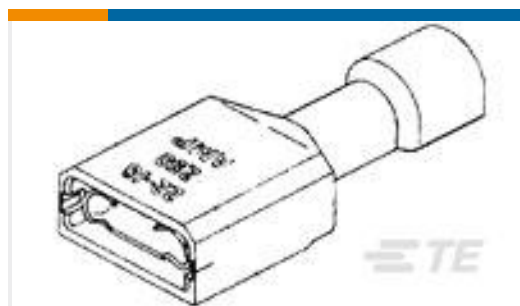
TE Part #41854
PIN 093 (2.36 MM) REC 22-18 AWG
TPBR



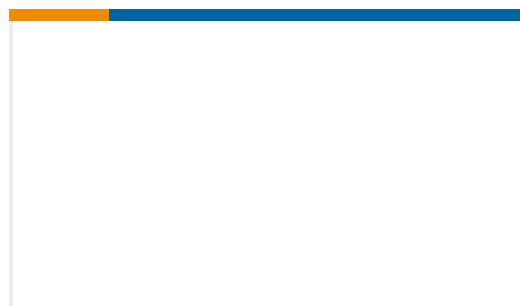
TE Part #4-456403-3
CRIMPER, WIRE .062 "F"



TE Part #41774
250 FASTON REC 18-14 AWG TPBZ



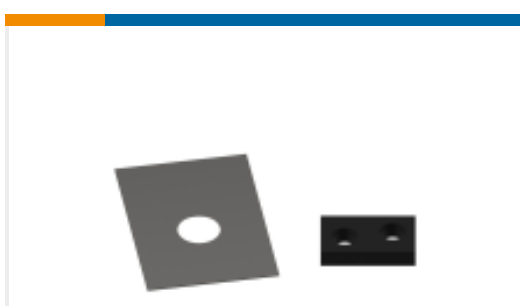
TE Part #2-520261-2
ULTRA-FAST 187 ASY REC 22-18 TPBR



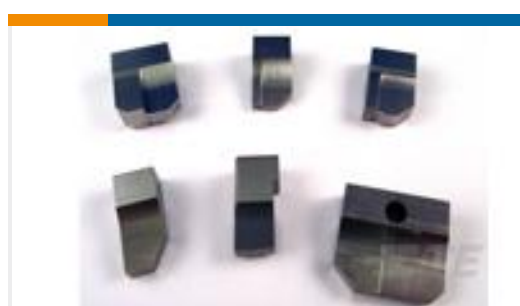
TE Part #690212-1
POST RAM



TE Part #690438-1
FRONT STRIP GUIDE



TE Part #238009-6
BLOCK, CRIMPER SPACER (.255)



TE Part #9-690471-7
ANVIL COMB

Documents

Product Drawings

[ULTRA-FAST .110/.125 ASY REC 22-18 TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-520306-2_J.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2-520306-2_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-520306-2_J.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

[TE Material Declaration](#)

English

Agency Approvals

[Agency Approval Document](#)

English