2-520306-2 ✔ ACTIVE

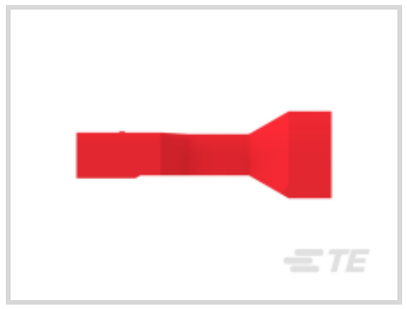
Ultra-Fast | Ultra-Fast 110

TE Internal #: 2-520306-2

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

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	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

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	22.01 mm[.865 in]
Compatible Insulation Diameter Range	5.84 mm[.23 in]
Wire Size	.32 – .82 mm²

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	2000
Packaging Method	Strip/Reel

Other

Barrel Color	Red

Product Compliance

For compliance documentation, visit the product page on TE.com>

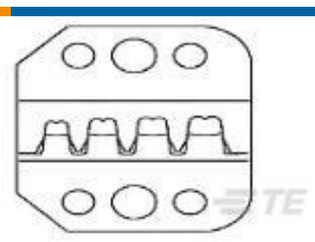
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 58628-2
PROCRMP DIESET 26-14 ULTRAFAST



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



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



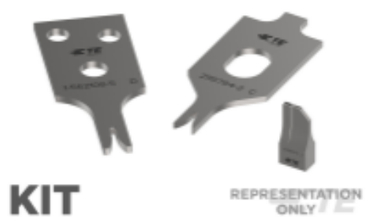
TE Part # 2-2151698-2
OCEAN_2.0_APPLICATOR-S-FA-176O



TE Part # 2151698-2
OCEAN_2.0_APPLICATOR-S-FA-176O

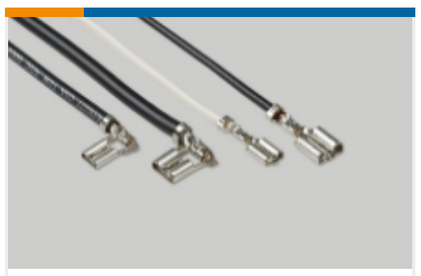


TE Part # 7-2151698-2
OCEAN_2.0_APPLICATOR-S-FA-176O



TE Part # 7-2151698-7
OCEAN_2.0_SPARE_PART_KIT-176O

Also in the Series | Ultra-Fast 110



Quick Disconnects(14)

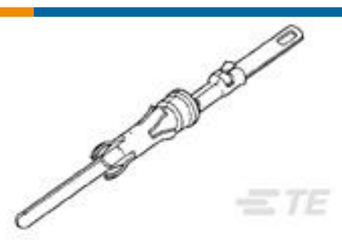
Customers Also Bought



TE Part #1-6609021-4
30VB6=F7355 S0



TE Part #208717-1
RECEPT ASSY,SZ 14,CMC



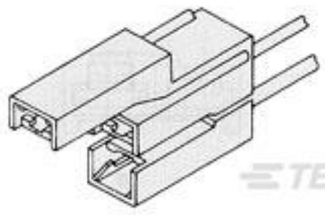
TE Part #202236-7
III+PIN,SOLTAB,30AU>10,LP,SN



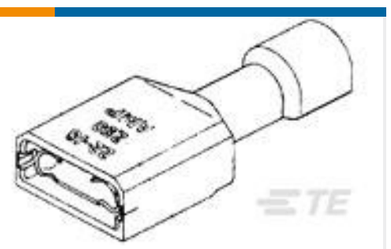
TE Part #1-322985-0
TERMINAL,PIDG SPD 12-10 6



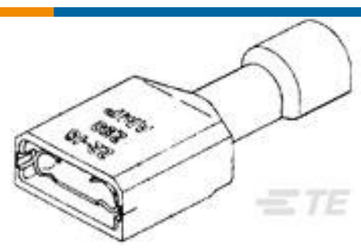
TE Part #2201855-2
MINI I/O PLUG KIT TYPE I M



TE Part #360010-1
187 FASTON HSG.,REC.,3 POS, NATRUAL



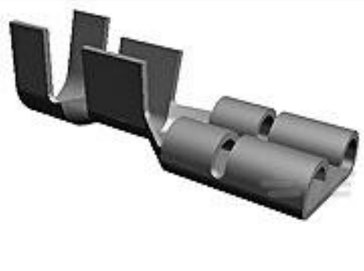
TE Part #3-520150-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR



TE Part #2-520181-2
ULTRA-FAST 187 ASY REC 22-18 AWG TPBR



TE Part #321519
SPLICE,CE 22-10



TE Part #63608-2
187 FASTON REC 20-16 AWG TPBR

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

Product Compliance Document

English

Product Compliance Document

English

Agency Approvals

Agency Approval Document

English