2-520306-2 ✔ ACTIVE

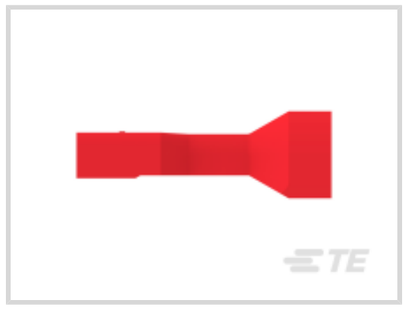
Ultra-Fast | Ultra-Fast 110

TE Internal #: 2-520306-2

Quick Disconnect Receptacle, 22 – 18 AWG, .32 – .82 mm² Wire, 2.8 mm / 3.18 mm [.11 in / .125 in] Tab Width, Straight, Brass, 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

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

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

Product Length	22.01 mm[.865 in]
Compatible Insulation Diameter Range	5.84 mm[.23 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.32 – .82 mm²

Usage Conditions

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

Industry Standards

Compatible With Agency/Standards Products	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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

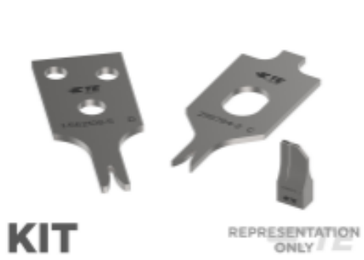
Compatible Parts



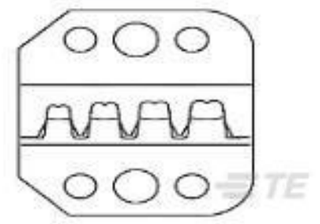
TE Part # 2151698-2
OCEAN_2.0_APPLICATOR-S-FA-176O-RSA



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



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



TE Part # 58628-2
PROCRMP DIESET 26-14 ULTRAFAST



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

Also in the Series | Ultra-Fast 110

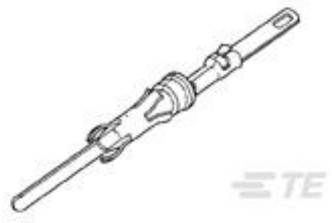


Quick Disconnects(14)

Customers Also Bought



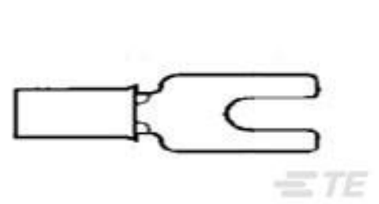
TE Part #208717-1
RECEPT ASSY,SZ 14,CMC



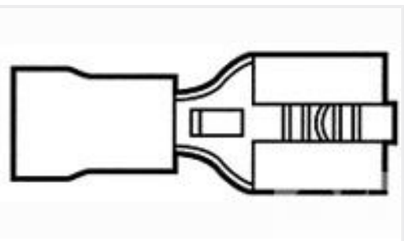
TE Part #202236-7
III+PIN,SOLTAB,30AU>10,LP,SN



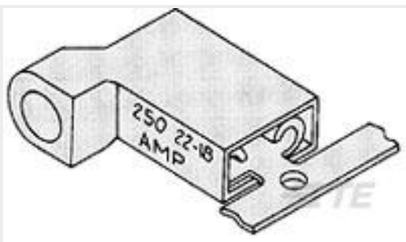
TE Part #CAT-C8114-B1
Single Phase Filters, Corcom B Series



TE Part #2-327735-1
PG SPD 22-16 COMM 22-18 MIL 6



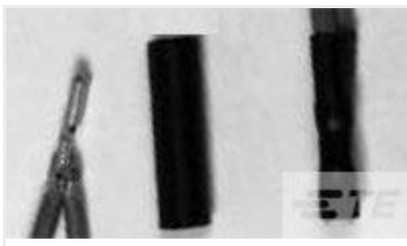
TE Part #42844-3
RECEPT,PIDG FASTON 14-12 250



TE Part #3-520338-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR



TE Part #42751-2
RING CRIMP 16-14 AWG TPBR



TE Part #520206K014
RT-3-NO.1-0-1IN



TE Part #745201-7
09 HDE AP RECEPT, LEAD FREE

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

Agency Approvals

Agency Approval Document

English