3-520117-2 ✔ ACTIVE

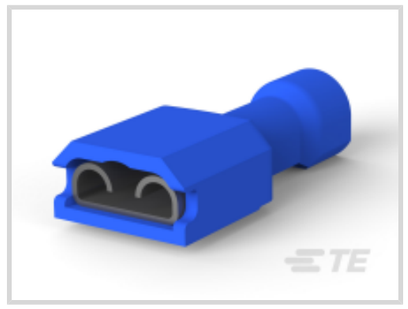
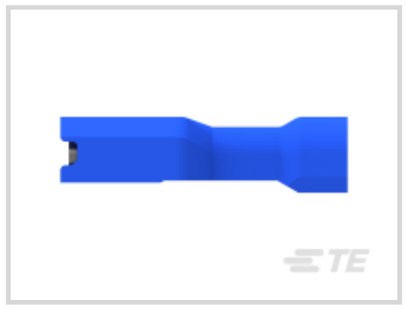
Ultra-Fast | Ultra-Fast 250

TE Internal #: 3-520117-2

Quick Disconnects, Receptacle, 16 – 14 AWG Wire Size, 1.31 – 2.08 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Ultra-Fast 250

View on TE.com >

Terminals & Splices > Quick Disconnects




Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **1.31 – 2.08 mm²**

Mating Tab Width: **6.35 mm [.25 in]**

Mating Tab Thickness: **.81 mm [.032 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	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Orientation	Straight

Contact Base Material	Phosphor Bronze
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	21.75 mm[.855 in]
Compatible Insulation Diameter Range	4.06 mm[.16 in]
Wire Size	1.31 – 2.08 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	1000
Packaging Method	Loose Piece/Carton

Other

Barrel Color	Blue

Product Compliance

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

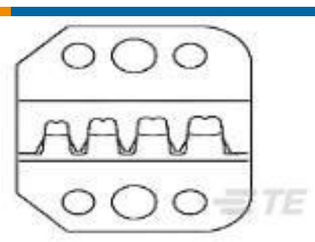
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	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 # 90391-3
DIES ULTRA-FAST FASTON 16-14 DIE SET



TE Part # 2217481-1
KIT, BTLI, SDE CLOSED HEAD

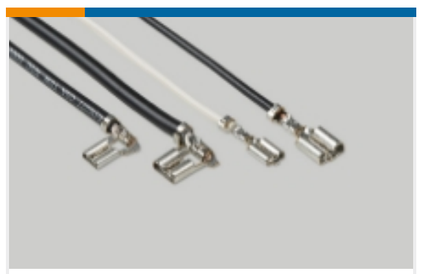


TE Part # 2217481-2
KIT, BTLI, SDE CLOSED HEAD

Also in the Series | Ultra-Fast 250



Automotive Housings(6)



Quick Disconnects(49)

Customers Also Bought



TE Part #T4113001041-000
M12,MALE,RA,A CODE,4P,PG7,GOLD



TE Part #34080
PIDG SPD 22-16 COMM 22-18MIL 6



TE Part #5-1879234-5
SMF5 91K 5%



TE Part #1-2176327-1
CRGP 0805 68R 1%



TE Part #5-2176330-6
CRGP 2010 390K 1%



TE Part #567200-3
APPL,HDM,TAPE 9CB W/O DIES G



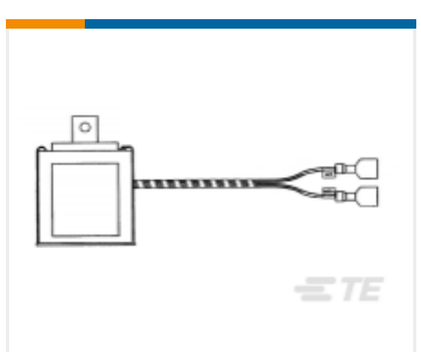
TE Part #622001-000
D-144-01



TE Part #320758
TERMINAL,SOLIS R 16-14HD 5/8



TE Part #2-1879687-3
H4 16R9 0.1% 100PPM



TE Part #551406-7
REPLACEMENT SOLENOID ASSY

Documents

Product Drawings

ULTRAFAST 250 ASSY REC 16-14 TPBR LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-520117-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-520117-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-520117-2_F.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

MD_3-520117-2_120820132244_dmtec

English

MD_3-520117-2_120820132244_dmtec

English

Agency Approvals

UL

English