520971-2 ✔ ACTIVE

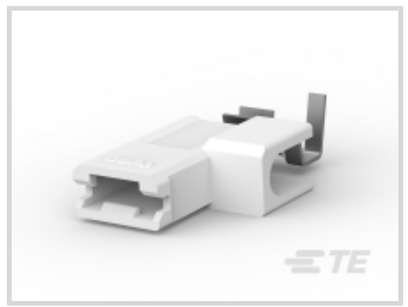
Ultra-Pod | Ultra-Pod 250

TE Internal #: 520971-2

Quick Disconnects, Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Flag, Brass, Ultra-Pod 250

View on TE.com >

Terminals & Splices > Quick Disconnects > ULTRA POD: Flag, Receptacle Assembly, Tin Plated, .250 inch







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 mm²**

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

Mating Tab Thickness: **.81 mm [.032 in]**

All ULTRA POD: Flag, Receptacle Assembly, Tin Plated, .250 inch (9)

Features

Product Type Features

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	Flag

Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	Tab-Lok
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	22.99 mm[.905 in]
Compatible Insulation Diameter Range	2.79 – 4.06 mm[.11 – .16 in]
Wire Size	.82 – 2.08 mm²

Usage Conditions

Insulation Option	Fully Insulated
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Industry Standards

Agency/Standard	CSA, UL
Approved Standards	UL E66717
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	1800
Packaging Method	Strip/Reel

Other

Barrel Color	Natural

Product Compliance

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

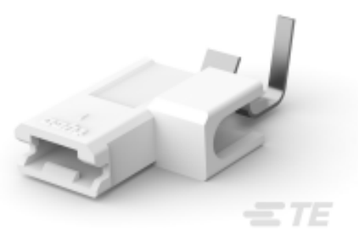
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

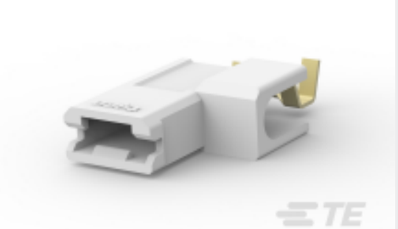
Product Compliance Disclaimer

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

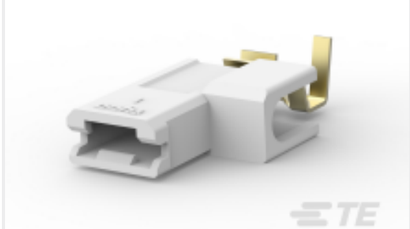
Compatible Parts



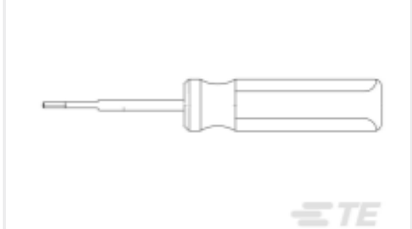
TE Part # CAT-UL8-25021
ULTRA POD: Flag, Receptacle Assembly, Tin Plated, .250 inch



TE Part # 521411-1
ULTRA-POD 250 ASY REC 22-18 AWG BR



TE Part # 1969109-1
ULTRA-POD 250 ASSY REC 18-14 AWG BR



TE Part # 314917-1
EXT TL 250 U-POD STR IS9726



TE Part # 1852892-1
MACH,U-POD FLAG EAPR110F180O AOM/CLS



TE Part # 1852892-3
MACH,U-POD FLAG EAPR110F180O BENCH G



TE Part # 1852892-7
MACH,U-POD FLAG EAPR110F180O KOMAX



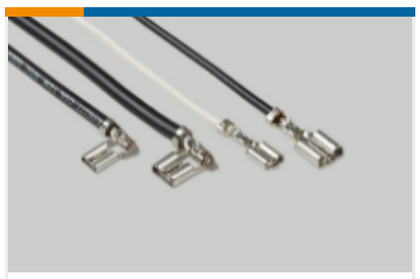
TE Part # 521087-1
ULTRA-POD 250 ASSY REC 18-14 AWG NPST

TE Part # 1852892-2
MACH,U-POD FLAG EAPR110F180O BENCH K

Also in the Series | Ultra-Pod 250

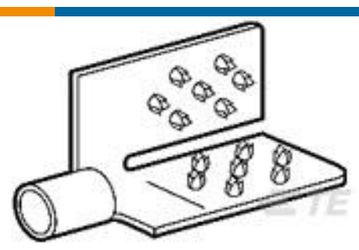


Insertion & Extraction Tools(2)



Quick Disconnects(43)

Customers Also Bought



TE Part #52195
TERMINAL,TERMI-FOIL 16-14



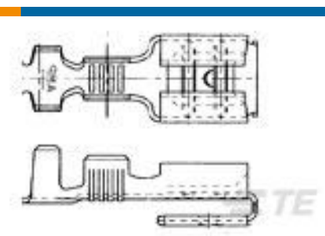
TE Part #5-160430-7
187 FASTON REC 20-16 AWG TPBR



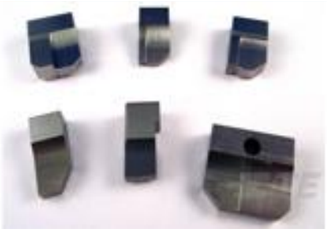
TE Part #360052-1
125 DIA CLSTR BLK



TE Part #4-456406-7
CRIMPER, WIRE .090 F



TE Part #160739-2
250 FASTON,PIGGYBACK REC.,18-14 AWG,TPBR



TE Part #354403-1
ANVIL, .187 U-POD



TE Part #4-683453-5
CRIMPER, INSULATION .155 F

TE Part #679166-1
BACKUP, TERMINAL, .130



TE Part #730912-4
SPECIAL ANVIL



TE Part #852779-1
STRIPPER

Documents

Product Drawings

ULTRA-POD 250 ASY REC 18-14 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_520971-2_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_520971-2_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_520971-2_T.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_520971-2_0322201898_dmtec

English

MD_520971-2_0322201898_dmtec

English

Agency Approvals

UL Report

English