521451-2 ✔ ACTIVE

Ultra-Pod | Ultra-Pod 250

TE Internal #: 521451-2

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

View on TE.com >

Terminals & Splices > Quick Disconnects

Quick Disconnect Terminal Type: **Tab**

Wire Size: **.82 – 2.08 mm²**

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

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

Features

Product Type Features

Insertion Force	Low

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	Tab
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Orientation	Straight
Contact Base Material	Brass

Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Terminal Material Thickness	.4 mm[.015 in]
Product Length	38.87 mm[1.53 in]
Compatible Insulation Diameter Range	3.3 – 4.57 mm[.13 – .18 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-0

Packaging Features

Packaging Quantity	1500
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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 521217-2
ULTRA-POD 250 ASSY TAB 18-14 AWG TPBR

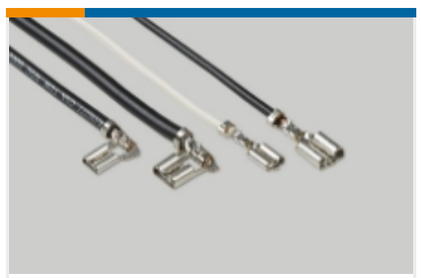
TE Part # 521227-2
ULTRA-POD 250 ASSY TAB 12-10 AWG TPBR

TE Part # 680834-2
.250 U-POD 9SM110F210F K

TE Part # 680834-1
.250 U-POD 9SM110F210F T

Also in the Series | Ultra-Pod 250

Insertion & Extraction Tools(2)



Quick Disconnects(43)

Customers Also Bought

TE Part #5-2232265-2
PTL 1X2 PLUG HSG GLW WIRE KEY A DGR

TE Part #521368-2
ULTRA-POD 250 ASSY REC 22-18 AWG TPBR

TE Part #1971777-3
Locking Plate, POWER TRIPLE LOCK, TPA

TE Part #3-2378158-2
Power Versa-Lock CAP, 1X2 KEY C

TE Part #5-2378158-2
Power Versa-Lock CAP, 1X2 KEY E

TE Part #521284-2
ULTRA POD: Straight, Receptacle Assembly, Tin Plated, .187 inch

TE Part #521596-2
ULTRA-POD 187 ASSY REC 22-18 AWG TPBR

TE Part #1-1376392-2
5MM POWER KEY 4P PLUG 2ROW RED

Documents

Product Drawings

ULTRA-POD 250 ASSY TAB 18-14 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521451-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_521451-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_521451-2_D.3d_stp.zip

English

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Datasheets & Catalog Pages

Ultra-Fast and Ultra Fast Plus

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English