521050-2 ✔ ACTIVE

Ultra-Pod | Ultra-Pod 250

TE Internal #: 521050-2

Ultra-Pod 250, Quick Disconnects, Receptacle, 22 – 18 AWG, .32 – .82 mm², Mating Tab Width 6.35 mm [.25 in], Mating Tab Thickness .81 mm [.032 in]

View on TE.com >

Terminals & Splices > Quick Disconnects





Terminal & Splice Type: **Receptacle**

Wire Size: **.32 – .82 mm²**

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

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

Features

Product Type Features

Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Insertion Force	Normal
Sealable	No
Insulated	Yes

Configuration Features

Connection Capacity	Single

Electrical Characteristics

Voltage (Max)	600 V

Body Features

Insulation Material	Nylon
Fully Insulated	Yes
Plating Material	Tin

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle
Terminal Orientation	Flag
Contact Base Material	Brass
Crimp Type	Tab-Lok
Barrel Type	Open

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	1.27 – 2.54 mm[.05 – .1 in]
Overall Length	23.027 mm[.905 in]
Receptacle Terminal Stock Thickness	.41 mm[.016 in]
Wire Size	.32 – .82 mm²
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]

Usage Conditions

Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Industry Standards

UL Rating	Listed
UL File Number	E66717
UL Flammability Rating	UL 94V-2
CSA Certified	Yes

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>

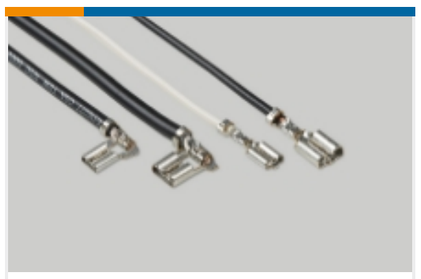
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

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: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201)
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

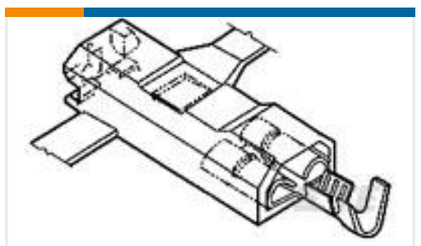
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | Ultra-Pod 250



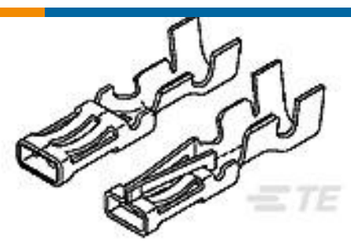
Quick Disconnects(55)

Customers Also Bought



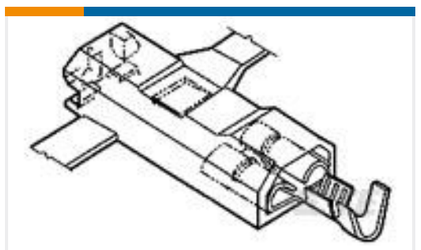
TE Model / Part #1969104-1
ULTRA-POD 250 ASSY REC 18-14 AWG BR

TE Model / Part #2029299-1
9 POS UMNL CAP W/LARGE FLANGE-V0

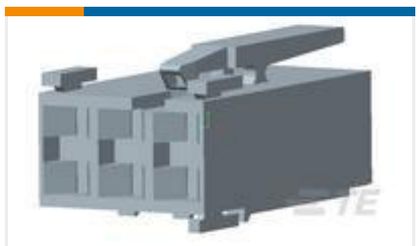


TE Model / Part #770642-3
POWER BLADE TERMINAL 20-14 AWG BR

TE Model / Part #1385724-3
ULTRA POD FLAG .187

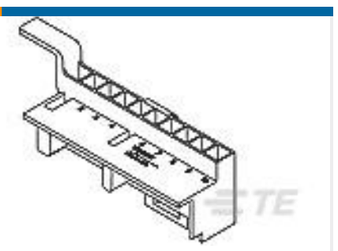


TE Model / Part #1969207-1
ULTRA-POD 250 ASSY REC 18-14 AWG NPST



TE Model / Part #2-1241817-3
STD TIM HOUSING MKII 3POS

TE Model / Part #3-1123722-9
3.96 EP PLUG HSG 9P(BLUE)



TE Model / Part #521165-1
MOTOR HOUSING HOUSING BLACK NYLON 6/6

TE Model / Part #521442-1
FASTON 250 REC HSG 2CIR NYLON NAT

TE Model / Part #521836-3
HSG,RAST 5 PL,10P,BLOCK 2,4,6,

Documents

Product Drawings

ULTRA-POD 250 ASY REC 22-18 NYLON TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521050-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_521050-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_521050-2_F.3d_stp.zip

English

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