1825097-1 ✔ ACTIVE

Alcoswitch | Alcoswitch TPB

TE Internal #: 1825097-1

Alcoswitch TPB, Push Button Switches, Single Pole - Single Throw Configuration (Pole-Throw), Switch, Single Actuator, Extended Actuator Profile

View on TE.com >

Relays, Contactors & Switches > Switches > Push Button Switches



Configuration (Pole-Throw): **Single Pole - Single Throw**

Push Button Switch Product Type: **Switch**

Number of Actuators: **Single**

Actuator Profile: **Extended**

Bushing Style: **Unthreaded**

Features

Product Type Features

Switch Type	Pushbutton
Dust Proof	No
Push Button Switch Product Type	Switch
Illuminated	No
Actuator Style	Round

Configuration Features

ESD Grounding Terminal	Without
Ganged	No
Configuration (Pole-Throw)	Single Pole - Single Throw
Number of Actuators	Single
Snap Action	Without
Support Bracket	Without
Tactile	Yes
Operating Function	Off (On)

Electrical Characteristics

Push Button Switch Voltage Rating	20 VDC

Body Features

Seal Type	Terminal Seal (Epoxy)

Actuator Force	50 – 400 g[1.77 – 14.12 oz]
Case Material	Thermoplastic (LCP)
Actuator Material	Thermoplastic
Actuator Profile	Extended
Bushing Style	Unthreaded
Actuator Color	Black

Contact Features

Contact Base Material	Copper Alloy
Push Button Switch Contact Current Rating	.4 A
Switch Contact Plating Material	Gold

Termination Features

Termination Type	Printed Circuit

Mechanical Attachment

Mounting Angle	Vertical
Push Button Switch Mounting Type	Through Hole

Housing Features

Low Profile	No
Process Sealed	No

Dimensions

Actuator Length	3.28 mm[.129 in]
Button Width	3.81 mm[.15 in]

Usage Conditions

Temperature Rating	Standard

Packaging Features

Packaging Method	Bulk

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 2021 (211) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

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.

Compatible Parts



TE Part # 1825095-1
TP11CGPC004



TE Part # 1825095-2
TP11CGPC204



TE Part # 1825095-3
TP11CGRA004



TE Part # 1825097-5
TPB11CGRAES004



TE Part # 6-1437571-1
TPB11CGRAES0=SW PUSHBUTTON SPD



TE Part # 7-1437572-1
TPF11CGPCES0=SEALED TPF11CG-P



TE Part # 7-1437571-7
TPB11FGVRA0=TINY PUSHBUTTON



TE Part # 1437571-4
TP11CGPC0=SWITCH P/B N/O BLACK



TE Part # 5-1437571-5
TPB11CGPCES0=SEALED TPB11CG-PC



TE Part # 2-1825097-0
TPBF11CGPCES004



TE Part # 2-1825097-2
TPBF11CGRAES004



TE Part # 2-1825097-3
TPBF11FGPCES004



TE Part # 2-1825097-6
TPBF11FGRAES004



TE Part # 6-1437571-2
TPB11CGRAES2=SW PUSHBUTTON SPD



TE Part # 6-1437571-9
TPB11FGPCES2=SW P/B ENVIRONMEN



TE Part # 7-1437571-4
TPB11FGRAES0=SW PUSHBUTTON S.P



TE Part # 7-1437571-6
TPB11FGRAES6=PUSH BUTTON SP SW



TE Part # 9-1437571-2
TPBF11CGPCES0=FLUSH PLUNGER PU



TE Part # 1437572-2
TPBF11FGRAES0=FLUSH PLUNGER PU

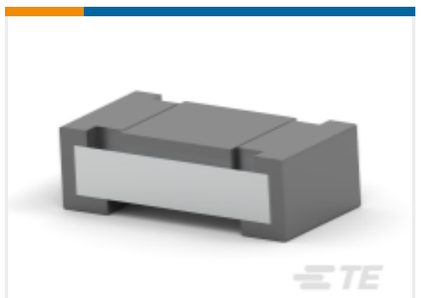


TE Part # 7-1437572-9
TPF11FGPCES0=TPF11FG-PC-ES

Also in the Series | Alcoswitch TPB

Push Button Switches(19)

Customers Also Bought



TE Part #1-2176051-1
Thick Film Resistor: Current Sense



TE Part #1-1825002-4
ADF08T04=DIP SWT,FLUSH,THRU/HL



TE Part #146860-1
B/A REELED SRST HDR ASSY 15 AU



TE Part #1-776087-1
AMPSEAL HEADERS



TE Part #DTM1312PC12PDR008
DEUTSCH PCB ENCLOSURES



TE Part #1474654-7
FSN-23A-10



TE Part #1218125-3
25 POS,ASSY,PLUG,LOW PROF,109



TE Part #1-1879215-8
CPF 0402 6K04 0.1% 25PPM 1K RL

TE Part #1-1414310-0
V23076A3001C132-T-*-USA

Documents

Product Drawings

TPB11CGPC004

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1825097-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1825097-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1825097-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages

SWITCHES_CORE_PROGRAM_CATALOG

English