



[Alcoswitch](#) | [Alcoswitch TPB](#)

TE Internal #: 1-1825097-1

General Purpose Push Button Switch, Double Pole - Single Throw Configuration (Pole-Throw), Single Actuator, Extended Actuator, Alcoswitch TPB

[View on TE.com >](#)

Switches > Push Button Switches



Push Button Switch Product Type: **General Purpose Push Button Switch**

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

Number of Actuators: **Single**

Actuator Profile: **Extended**

Bushing Style: **Unthreaded**

Features

Termination Features

Termination Method to PCB	Through Hole - Solder
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Usage Conditions

Operating Temperature Range	-30 – 65 °C
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Packaging Features

Packaging Method	Bulk
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Dimensions

Button Width	2.54 mm[.1 in]
Actuator Length	3.4 mm[.134 in]

Contact Features

Contact Base Material	Copper Alloy
Switch Contact Plating Material	Gold

Housing Features

Low Profile	No
Process Sealed	No

Body Features

Case Material	Thermoplastic (LCP)
Sealing Method	Terminal Seal (Epoxy)



Actuator Material	Thermoplastic
Product Orientation	Vertical
Actuator Force	50 – 400 g[1.77 – 14.11 oz]
Actuator Profile	Extended
Bushing Style	Unthreaded
Actuator Color	Black

Product Type Features

Switch Connection Type	Printed Circuit
Push Button Switch Product Type	General Purpose Push Button Switch
Illuminated	Without
Actuator Style	Round Actuator

Configuration Features

Configuration (Pole-Throw)	Double Pole - Single Throw
Number of Actuators	Single
Snap Action	Without
Support Bracket	Without
Switch Feedback Type	Tactile
Operating Function	Off (On)

Electrical Characteristics

Contact Current Rating	.4 A
Operating Voltage Range	20 VDC

Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241)



SVHC > Threshold:

Pb (2.59% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

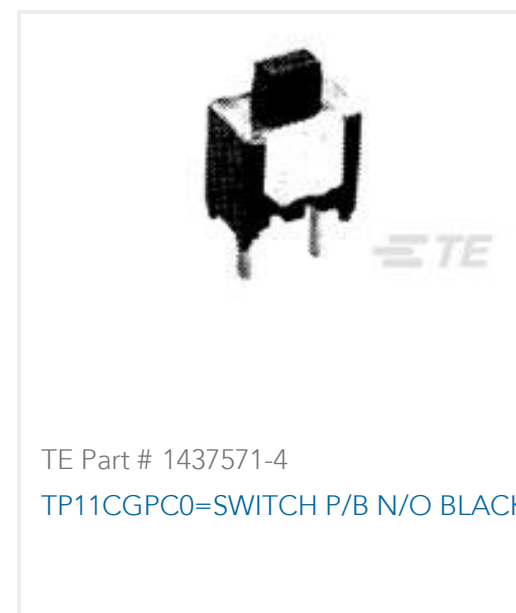
Solder Process Capability

Wave solder capable to 265°C

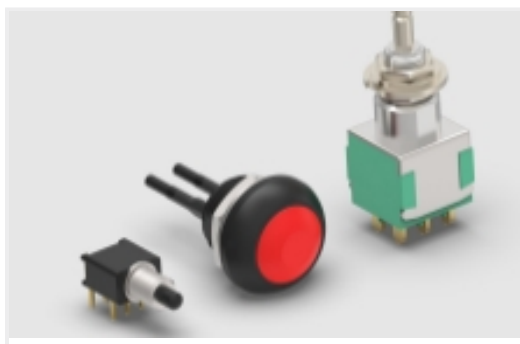
Product Compliance Disclaimer

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 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



Also in the Series | [Alcoswitch TPB](#)

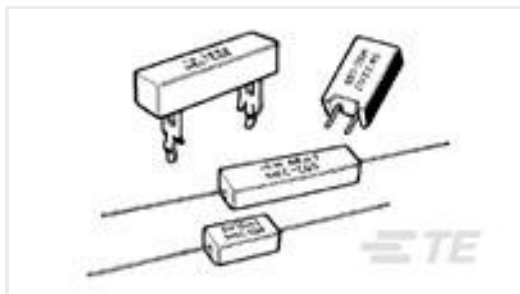


General Purpose Push Button Switches (15)



Push Button Switches(15)

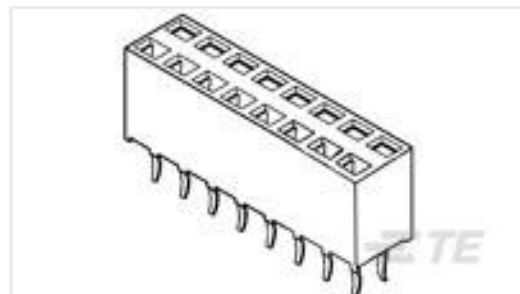
Customers Also Bought



TE Part #1623797-9
SOZ10 33R 5%



TE Part #1-1393767-1
R10-E2X2-V185=R10



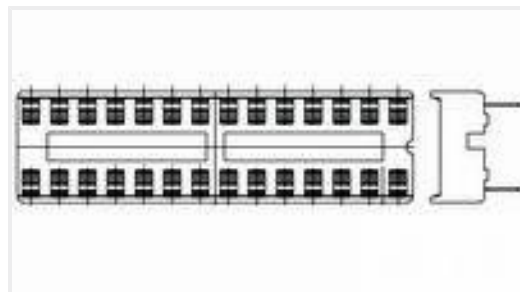
TE Part #1-215307-0
2X10P HV100 REC CON. TE, 7.0MM



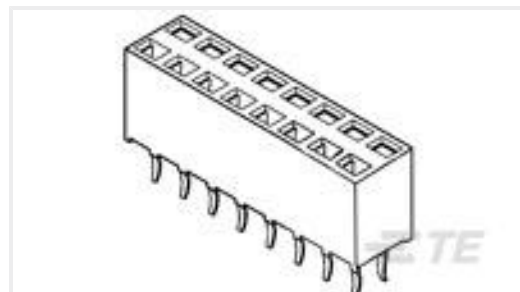
TE Part #6609064-2
3EOP=F7688A S0



TE Part #5103308-5
A/L LOW PRO HDR 20P VERT BLACK



TE Part #1-2199298-2
8P,DIP SKT,300 CL,LDR,PB FREE



TE Part #215307-9
2X9P HV100 REC CON. TE, 7.0MM



TE Part #33462
TERMINAL,SOLIS R 8 5/16



TE Part #3-1827253-6
.5FHP05H,220,S,GIG,08/Sn,HT,NSYes



TE Part #5-2176581-0
RLC73PD 2B R182 1% 5K RL

Documents

Product Drawings

[TPB11FGRA004](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-1825097-1_B.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_CVM_1-1825097-1_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1825097-1_B.2d_dxf.zip](#)

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SWITCHES_CORE_PROGRAM_CATALOG](#)

English