



Switches > Push Button Switches



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

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

Number of Actuators: **Single**

Actuator Profile: **Extended**

Bushing Style: **Unthreaded**

Features

Product Type Features

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

Configuration Features

Configuration (Pole-Throw)	Single 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

Body Features

Actuator Force	50 – 400 g[1.77 – 14.11 oz]
Case Material	Thermoplastic (LCP)
Actuator Material	Thermoplastic



Sealing Method	Terminal Seal (Epoxy)
Product Orientation	Right Angle
Actuator Profile	Extended
Bushing Style	Unthreaded
Actuator Color	Red

Contact Features

Contact Base Material	Copper Alloy
Switch Contact Plating Material	Gold

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Housing Features

Low Profile	No
Process Sealed	No

Dimensions

Actuator Length	3.4 mm[.134 in]
Button Width	3.81 mm[.15 in]

Usage Conditions

Operating Temperature Range	-30 – 65 °C
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Packaging Features

Packaging Method	Bulk
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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 2023 (235) SVHC > Threshold: Pb (2.59% in Component) 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



TE Part # 1825095-1
TP11CGPC004



TE Part # 1825095-2
TP11CGPC204



TE Part # 1825095-3
TP11CGRA004




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



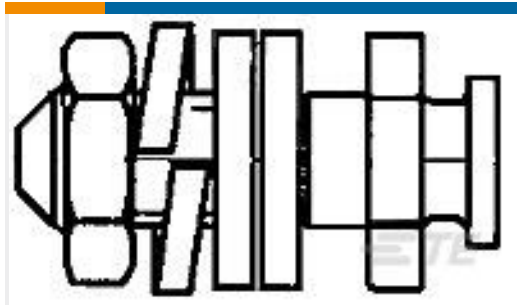
TE Part # 7-1437571-6
TPB11FGRAES6=PUSH BUTTON SP SW

Also in the Series | Alcoswitch TPB



Push Button Switches(15)

Customers Also Bought



TE Part #5206514-4
SLIDING LOCK POST KIT CLEAR Z1



TE Part #6-102202-3
16 MODII HDR SRST SHRD LF



TE Part #207599-7
MMATE PIN HDR ASSY,16P LF



TE Part #1-206763-4
METRIMATE PIN HDR ASSY,24P LF



TE Part #6-146276-6
16 MODII HDR SRST B/A .100CL



TE Part #1393769-2
R10-R2X2-V185=R10



TE Part #NB09952001
ATUM-19/6-0-STK



TE Part #3-87227-0
60 MODII HDR DRST UNSHRD .100

Documents

Product Drawings

[TPB11CGRA204](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1825097-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825097-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825097-4_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SWITCHES_CORE_PROGRAM_CATALOG](#)

English