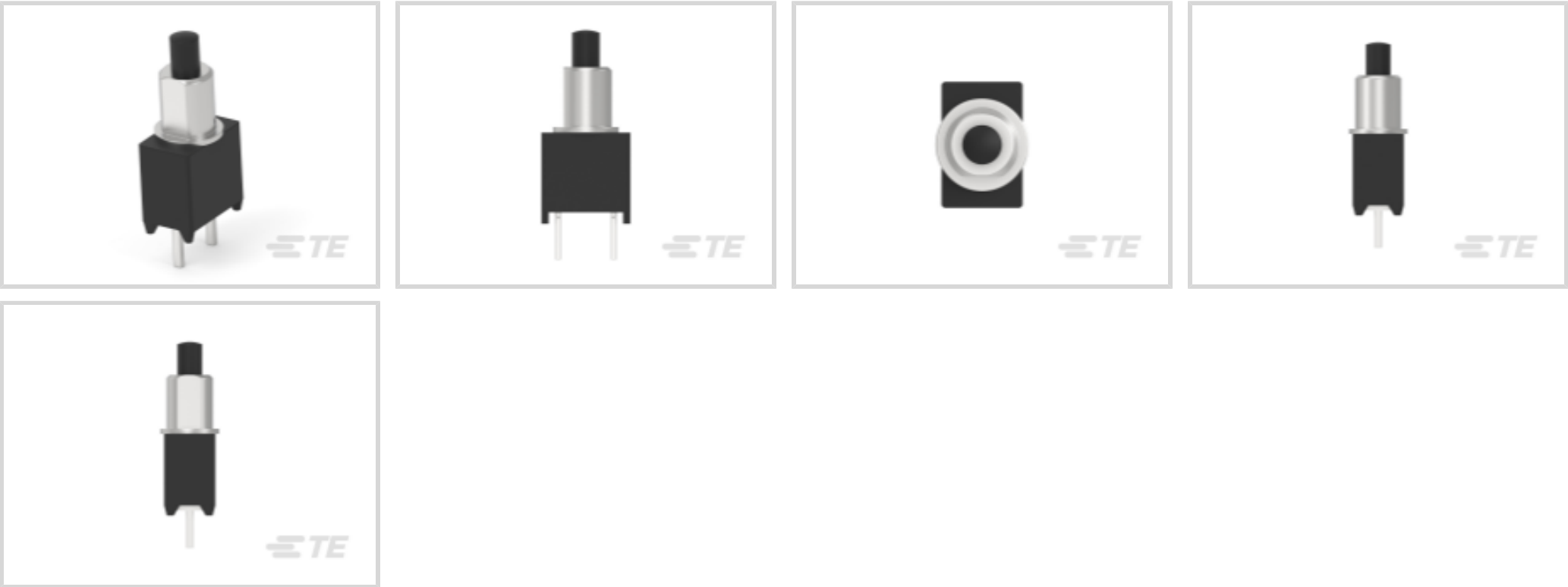




Switches > Push Button Switches



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 Actuator

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

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

Contact Features

Contact Base Material	Copper Alloy
Switch Contact Plating Material	Gold

Termination Features

Termination Method to PCB	Through Hole - Solder
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Housing Features

Low Profile	No
Process Sealed	No

Dimensions

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

Usage Conditions

Operating Temperature Range	-30 – 65 °C[-22 – 149 °F]
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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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	



Current ECHA Candidate List: JUNE 2025 (250)
Candidate List Declared Against: JUNE 2025 (250)
SVHC > Threshold:
Pb (2.59% in 23413997111)

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.

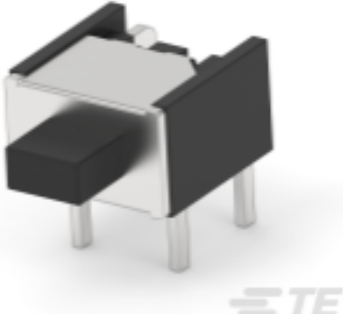
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265°C
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Product Compliance Disclaimer

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 # 7-1437571-6 TPB11FGRAES6=PUSH BUTTON SP SW	 TE Part # 1437571-4 TP11CGPC0=SWITCH P/B N/O BLACK	 TE Part # 1825095-1 TP11CGPC004	 TE Part # 7-1437571-4 TPB11FGRAES0=SW PUSHBUTTON S. P
 TE Part # 1825097-5 TPB11CGRAES004	 TE Part # 1825095-3 TP11CGRA004	 TE Part # 7-1437572-9 TPF11FGPCES0=TPF11FG-PC-ES	 TE Part # 6-1437571-9 TPB11FGPCES2=SW P/B ENVIRONMEN



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

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

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

TE Part # 1825095-2
TP11CGPC204

Also in the Series | ALCOSWITCH TPB

General Purpose Push Button Switches (15)

Push Button Switches(15)

Customers Also Bought

TE Part #T2050202101-000
HEEE-020-M

TE Part #3-640426-8
08P MTA156 CONN ASSY 18AWG ORA

TE Part #1-794108-0
24P MINI UMNL R/A HDR ASSY SN

TE Part #1-826629-6
16X1 AMPMODU II HDR ST

TE Part #4-1437565-2
FSM4JSMATR=TACT SWITCH 6X6MIL

TE Part #1-1462051-2
HF3 93 = 50OHM 140MW 5V BIST 2COIL

TE Part #4-2176070-2
3521 510R 1% 2W

TE Part #4-2176483-0
RA73F 2A 1K4 0.1% 5K RL

TE Part #5555154-1
MJ,R/A,LPF,6P/6C,SHLD,PNL,TRAY

TE Part #5787082-7
68 50SR R/A RCPT ASSY,RDSN L/F



Documents

Product Drawings

TPB11CGPC004

English

CAD Files

Customer View Model

ENG_CVM_CVM_1825097-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1825097-1_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_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