



Switches > Push Button Switches



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

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

Number of Actuators: **Single**

Actuator Profile: **Extended**

Bushing Style: **Threaded**

Features

Usage Conditions

Operating Temperature Range	-20 – 80 °C
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Packaging Features

Packaging Method	Bulk
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Dimensions

Button Width	3.98 mm[.157 in]
Bushing Length	5.97 mm[.235 in]
Actuator Length	2.5 mm[.098 in]

Contact Features

Contact Base Material	Copper Alloy
Switch Contact Plating Material	Silver

Housing Features

Low Profile	No
Process Sealed	No



Body Features

Case Material	Phenol Resin
Actuator Material	Thermoplastic
Product Orientation	Vertical
Actuator Profile	Extended
Bushing Style	Threaded
Bushing Thread Size	1/4-40
Actuator Color	Black

Configuration Features

	.253 in
Configuration (Pole-Throw)	Single Pole - Single Throw
Number of Actuators	Single
Snap Action	Without
Support Bracket	Without
Switch Feedback Type	Non-Tactile
Operating Function	NC, Momentary

Product Type Features

Switch Connection Type	Wire Lugs
Push Button Switch Product Type	General Purpose Push Button Switch
Illuminated	Without
Actuator Style	Round Actuator

Electrical Characteristics

Contact Current Rating	3 A
Operating Voltage Range	125 VAC

Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions

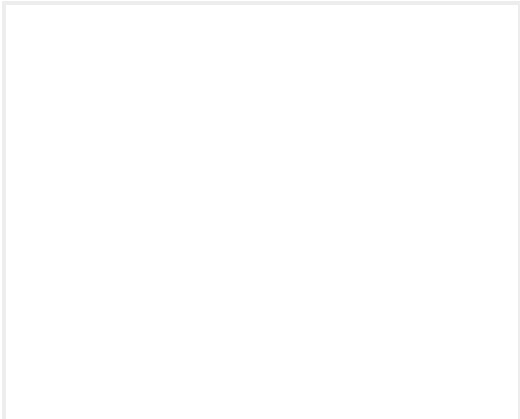


China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.7% in Component Part) Article Safe Usage Statements: Do not eat, 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Hand solderable with lead free solder

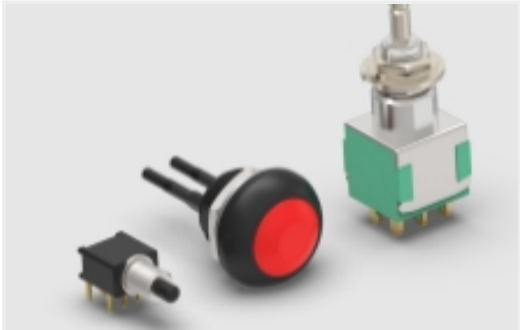
Product Compliance Disclaimer

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 # 1825333-2 MSP103C0G04 Pushbutton switch	 TE Part # 1825516-3 MSP103C004	 TE Part # 1825516-2 MSP103C04	 TE Part # 1825516-4 MSP103C204
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Also in the Series | Alcoswitch MSP3

 General Purpose Push Button Switches (4)	 Push Button Switches(4)
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Customers Also Bought

TE Part #6609108-5
PE0S0DZXCM0=C7043

TE Part #696020-1
TERM PIDG R 12-10 6 90DEG

TE Part #5531216-2
T/SPRING LP

TE Part #2-1879495-2
CRGH0603 5% 100K 0.2W

TE Part #8-1437627-4
G12KA=BUTTON GUARD KNURL
ALUM

TE Part #9-1423364-7
W57-XB1A7A10-10=CKTBKR,THERM,
PB,SCW/QC

TE Part #1-2176408-1
3560 1K8 5%

TE Part #6-2176339-1
CRGCQ 0603 1M0 1%

TE Part #3-1437602-1
SMCL=replaces SMCBG

TE Part #1878643-6
M5031C

Documents

Product Drawings

MSP103B04

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1825516-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1825516-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1825516-1_C.3d_stp.zip

English

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Datasheets & Catalog Pages
SWITCHES_CORE_PROGRAM_CATALOG
English