



Relays, Contactors & Switches > Switches > Push Button Switches



Configuration (Pole-Throw): **Single Pole - Double 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 - Double Throw
Number of Actuators	Single
Snap Action	Without
Support Bracket	Without
Tactile	No
Operating Function	Momentary

Electrical Characteristics

Push Button Switch Voltage Rating	20 VDC
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Body Features

Seal Type	Terminal Seal (Epoxy)
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Actuator Force	260 g[9.178 oz]
Case Material	Polyester
Actuator Material	Thermoplastic
Actuator Profile	Extended
Bushing Style	Unthreaded
Actuator Color	Red

Contact Features

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

Termination Features

Termination Type	Printed Circuit
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Mechanical Attachment

Mounting Angle	Right Angle
Push Button Switch Mounting Type	Through Hole

Housing Features

Low Profile	No
Process Sealed	No

Dimensions

Actuator Length	3.48 mm[.137 in]
Button Width	2.54 mm[.1 in]
Bushing Diameter	4.78 mm[.188 in]

Usage Conditions

Temperature Rating	High
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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	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2016 (169) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

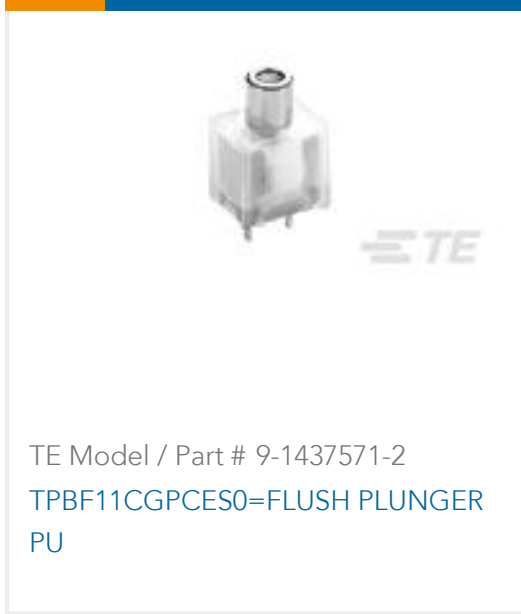
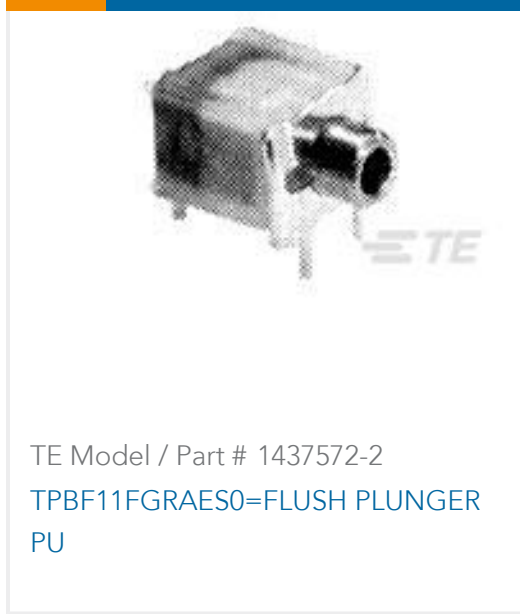
Product Compliance Disclaimer

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 Model / Part # 1825095-3 TP11CGRA004	 TE Model / Part # 1825095-2 TP11CGPC204	 TE Model / Part # 1825095-1 TP11CGPC004	 TE Model / Part # 1825097-5 TPB11CGRAES004
 TE Model / Part # 6-1437571-1 TPB11CGRAES0=SW PUSHBUTTON SPD	 TE Model / Part # 7-1437571-7 TPB11FGVRA0=TINY PUSHBUTTON	 TE Model / Part # 7-1437572-1 TPF11CGPCES0=SEALED TPF11CG-P	 TE Model / Part # 1437571-4 TP11CGPC0=SWITCH P/B N/O BLACK



 TE Model / Part # 2-1825097-0 TPBF11CGPCES004	 TE Model / Part # 2-1825097-2 TPBF11CGRAES004	 TE Model / Part # 2-1825097-3 TPBF11FGPCES004	 TE Model / Part # 2-1825097-6 TPBF11FGRAES004
 TE Model / Part # 5-1437571-5 TPB11CGPCES0=SEALED TPB11CG-PC	 TE Model / Part # 6-1437571-2 TPB11CGRAES2=SW PUSHBUTTON SPD	 TE Model / Part # 6-1437571-9 TPB11FGPCES2=SW P/B ENVIRONMEN	 TE Model / Part # 7-1437571-4 TPB11FGRAES0=SW PUSHBUTTON S. P
 TE Model / Part # 7-1437571-6 TPB11FGRAES6=PUSH BUTTON SP SW	 TE Model / Part # 9-1437571-2 TPBF11CGPCES0=FLUSH PLUNGER PU	 TE Model / Part # 1437572-2 TPBF11FGRAES0=FLUSH PLUNGER PU	 TE Model / Part # 7-1437572-9 TPF11FGPCES0=TPF11FG-PC-ES

Also in the Series

Alcoswitch TPB



Push Button Switches(19)

Customers Also Bought

 TE Model / Part #225398-8 BNC JCK DUAL CRMP RG179,187	 TE Model / Part #7-1437571-2 TPB11FGRA2=SW P/B MOMENTARY	 TE Model / Part #DTS26W17-26SC PLUG ASSY	 TE Model / Part #201692-9 CNTR FASTENER PLUG BLOCK,104P
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TE Model / Part #222191-1
SOCKET,ARINC,SIZE 8,TRIAxIAL



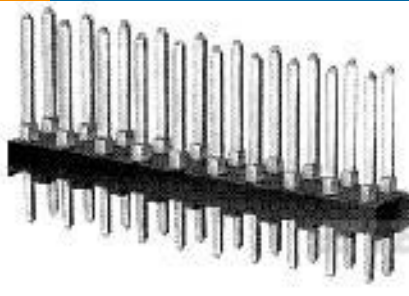
TE Model / Part #5-103765-8
08 MODII HD SRRA B/A .100CL,LF



TE Model / Part #1926736-2
MiniPAK HDL, 25s10p, RA Plug,



TE Model / Part #2560-212-2231
CONT PIN



TE Model / Part #2-87215-0
40 MODII HDR DRST UNSHRD .100



TE Model / Part #1423167-3
SSFR90B=UNIV. TIMER 240V

Documents

Product Drawings

TPB11FGRA204

English

Datasheets & Catalog Pages

SWITCHES_CORE_PROGRAM_CATALOG

English