



Relays, Contactors & Switches > Switches > Push Button Switches



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

Push Button Switch Product Type: **Switch**

Number of Actuators: **Single**

Actuator Profile: **Flush**

Bushing Style: **Unthreaded**

Features

Product Type Features

Switch Type	Pushbutton
Dust Proof	No
Push Button Switch Product Type	Switch
Illuminated	No
Actuator Style	Rectangular

Configuration Features

ESD Grounding Terminal	Without
Ganged	No
Configuration (Pole-Throw)	Single Pole - Single Throw
Number of Actuators	Single
Snap Action	Without
Support Bracket	Without
Tactile	Yes
Operating Function	Off (On)

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	50 – 400 g[1.77 – 14.12 oz]
Case Material	Thermoplastic (LCP)
Actuator Material	Thermoplastic
Actuator Profile	Flush
Bushing Style	Unthreaded
Actuator Color	Black

Contact Features

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

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	Yes

Dimensions

Actuator Length	3.27 mm[.129 in]
Button Width	3.81 mm[.15 in]

Usage Conditions

Temperature Rating	Standard
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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
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	



Current ECHA Candidate List: JAN 2021
(211)
Candidate List Declared Against: JAN 2021
(211)
Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 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>

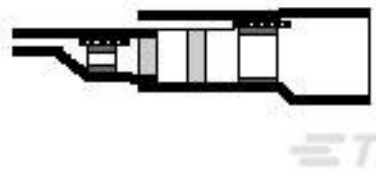
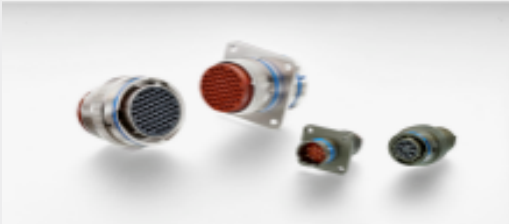
Compatible Parts

 TE Part # 1825095-1 TP11CGPC004	 TE Part # 2-1825097-1 TPBF11CGRA004	 TE Part # 1825098-2 TPC11CGRA004	 TE Part # 1825100-4 TPF11CGRA004
 TE Part # 2-1825098-0 TPCF13C004	 TE Part # 1-1825097-6 TPB11FGVRA004	 TE Part # 1825096-4 TPA11CGRA004	 TE Part # 1825097-6 TPB11CGRA004



 TE Part # 1-1825096-0 TPA11FGRA004	 TE Part # 1-1825097-1 TPB11FGRA004	 TE Part # 1825095-2 TP11CGPC204	 TE Part # 1825096-1 TPA11CGPC004
 TE Part # 1825097-1 TPB11CGPC004	 TE Part # 1825098-1 TPC11CGPC004	 TE Part # 1825100-7 TPF11FGPC004	 TE Part # 1825095-6 TP11FGPC004
 TE Part # 3-1437572-3 TPC23M0=SW P/B NOR-OPEN	 TE Part # 1-1825096-4 TPA21CCGRA004	 TE Part # 1825096-7 TPA11FGPC004	 TE Part # 1825099-1 TPD11CGPC004

Customers Also Bought

 TE Part #1-5227161-7 BNC Right Angle M Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism	 TE Part #164164-2 TYPE III CONTACTS LP	 TE Part #1775469-2 AMP HPI 2.0MM HEADERS	 TE Part #147873-2 SWITCH,TACT,SMT,J-LEAD,4.3MM
 TE Part #103185-2 02 MODII HDR SRST B/A .100CL	 TE Part #1534238-1 LEAVYSEAL HEADERS	 TE Part #120411-000 B-040-24-N	 TE Part #AFD56-16-23SN-6117 PLUG ASSY



TE Part #1-650909-4
096 EURO TYPE R PIN AP ASSY



TE Part #1437575-1
MLL1200S=SPDT RA SMT SLIDE

Documents

Product Drawings

TP11CGRA004

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1825095-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1825095-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1825095-3_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

TP Series Data Sheet

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English