1825095-3 ✔ ACTIVE

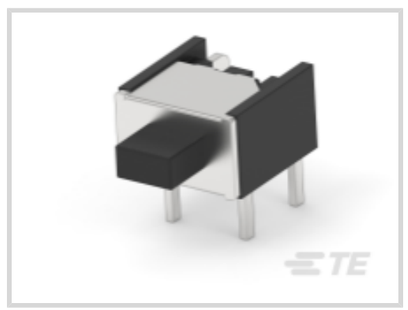
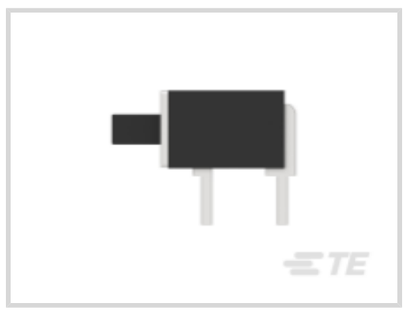
ALCOSWITCH

TE Internal #: 1825095-3

General Purpose Push Button Switch, Single Pole - Single Throw Configuration (Pole-Throw), Single Actuator, Flush Actuator, Process Sealed

View on TE.com >

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: **Flush**

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	Rectangular 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	Right Angle
Actuator Force	50 – 400 g[1.77 – 14.11 oz]
Actuator Profile	Flush
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

Housing Features

Low Profile	No
Process Sealed	Yes

Dimensions

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

Usage Conditions

Operating Temperature Range	-30 – 95 °C[-22 – 203 °F]

Packaging Features

Packaging Method	Bulk

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	有害物质含量符合标准要求 No 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) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2-1437571-1
TP21CCGRA2=SWITCH P/B N/O RED



TE Part # 2-1437571-0
TP21CCGRA0=SWITCH P/B N/O BLAC



TE Part # 5-1437572-2
TPD11CGRA2=SW P/B NO-OPEN



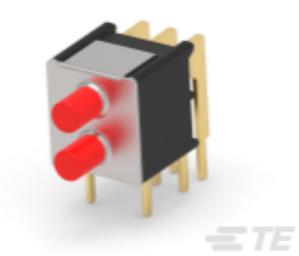
TE Part # 2-1437571-2
TP21FFGRA0=SW P/B MOMENTARY BL



TE Part # 3-1437572-0
TPC21MGRA2=SW DPDT P/B NO RED



TE Part # 1-1437572-0
TPC11CGVRA0=TINY PUSHBUTTON



TE Part # 4-1437571-6
TPA21FFGRA2=SWITCH P/B MOMENTA



TE Part # 2-1825097-8
TPB21MGRA004



TE Part # 7-1437571-9

TPB21MGPC0=SW P/B NOR-OPEN



TE Part # 7-1437571-7

TPB11FGVRA0=TINY PUSHBUTTON



TE Part # 7-1437571-2

TPB11FGRA2=SW P/B MOMENTARY



TE Part # 8-1437572-7

TPF21MGPC0=SW P/B NO-OPEN



TE Part # 1-1437571-1

TP11CGRA6=SWITCH P/B N/O BLUE



TE Part # 1825097-8

TPB11CGVRA004



TE Part # 5-1437571-3

TPB11CGPC2=SW P/B NO-OPEN RED



TE Part # 1-1437571-5

TP11FGRA0=SWITCH P/B MOMENTARY



TE Part # 1437572-7

TPC11CGRA0=SW P/B NON-OPEN



TE Part # 1-1437572-9

TPC11FGVRA0=TINY PUSHBUTTON



TE Part # 1825095-2

TP11CGPC204



TE Part # 1825097-1

TPB11CGPC004

Customers Also Bought

TE Part #1SNA116629R2200

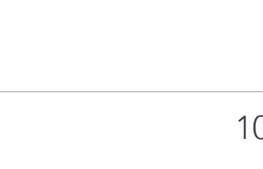
FEM4A

TE Part #5-104068-3

30 SYSTEM 50 HDR DRST SHRD

TE Part #5-104071-4

20 SYSTEM 50 HDR SRST SHRD SN



TE Part #1-188685-2

STD TIMER PCB CONTACT



TE Part #1-282836-3

TERMI BLOK PCB MOUNT SIDE ENTR



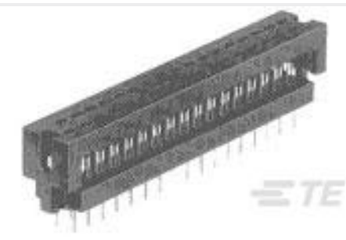
TE Part #1-406541-1

MJ,INV,1X1,6PNL G,.100"ST,SN



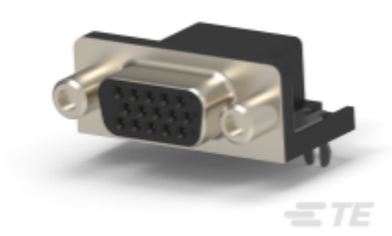
TE Part #CAT-J04-APHH

AMPSEAL PCB Right-Angle Headers



TE Part #1658525-6

622-1053LF, PCB IDC, LEAD FREE



TE Part #2311763-1
AMPL REC, HD22, R/A, 15P, S/L

Documents

Product Drawings

TP11CGRA004

English

CAD Files

Customer View Model

ENG_CVM_CVM_1825095-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1825095-3_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1825095-3_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

TP Series Data Sheet

English