



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	Square Actuator

Configuration Features

Configuration (Pole-Throw)	Single Pole - Single Throw
Number of Actuators	Single
Snap Action	Without
Support Bracket	Without
Switch Feedback Type	Non-Tactile
Operating Function	NO, Momentary

Electrical Characteristics

Contact Current Rating	.4 A
Operating Voltage Range	20 VDC

Body Features

Case Material	Polyester
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	Red

Contact Features

Contact Base Material	Copper Alloy
Switch Contact Plating Material	Gold over Nickel

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 – 95 °C[-22 – 203 °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
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: JAN 2025 (247) 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 # 5-1437572-8 TPD11FGRA2=SW P/B MOMENTARY	 TE Part # 9-1437572-4 TPF23M0=SW P/B NON-OPEN	 TE Part # 7-1437572-6 TPF11FGPC0=SW P/B MOMENTARY	 TE Part # 6-1437572-9 TPF11CGPC2=TINY PUSHBUTTON
 TE Part # 1-1437571-6 TP11FGRA2=SWITCH P/B MOMENTARY	 TE Part # 1825095-6 TP11FGPC004	 TE Part # 1825098-1 TPC11CGPC004	 TE Part # 1825100-7 TPF11FGPC004
 TE Part # 1-1437571-0 TP11CGRA2=SWITCH P/B N/O RED	 TE Part # 1825097-4 TPB11CGRA204	 TE Part # 1825098-5 TPC11FGPC004	 TE Part # 4-1437571-0 TPA21CCGPC0=SWITCH P/B N/O BLA



TE Part # 2-1437572-5
TPC13CPC0=PUSHBUTTON SWITCH
TP



TE Part # 1437571-6
TP11CGPC2=SWITCH P/B N/O RED P



TE Part # 3-1437571-2
TPA11FGPC0=SWITCH P/B
MOMENTAR



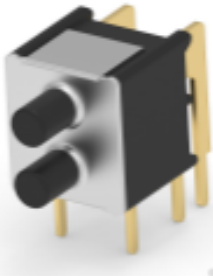
TE Part # 6-1437572-8
TPF11CGPC0=SW P/B NOR-OPEN



TE Part # 8-1437572-0
TPF11FGRA0=SW P/B MOMENTARY



TE Part # 6-1437572-3
TPD21RGPC0=SW P/B MOMENTARY
BL



TE Part # 4-1437571-1
TPA21CCGRA0=SWITCH P/B N/O BLA



TE Part # 9-1437572-3
TPF21RGRA0=PUSHBUTTON MOM
BLAC

Customers Also Bought



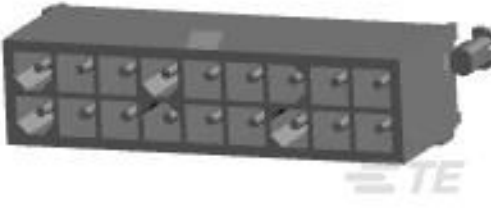
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HMM-508254-5-8A



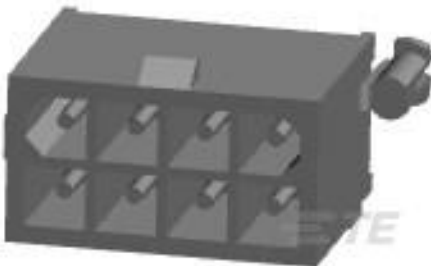
TE Part #DTM04-2P-E005
REC, 2P, BLK, N, CAP



TE Part #5-102523-1
04 MODII HDR SRRA SHRD .100CL



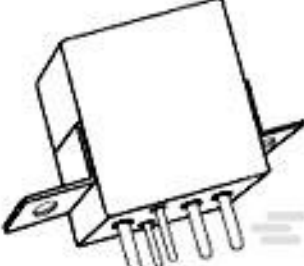
TE Part #1-794069-0
18P MINI UMNL HDR W/DH SN LF



TE Part #1-794073-0
08P MINI UMNL HDR W/O DH SN LF



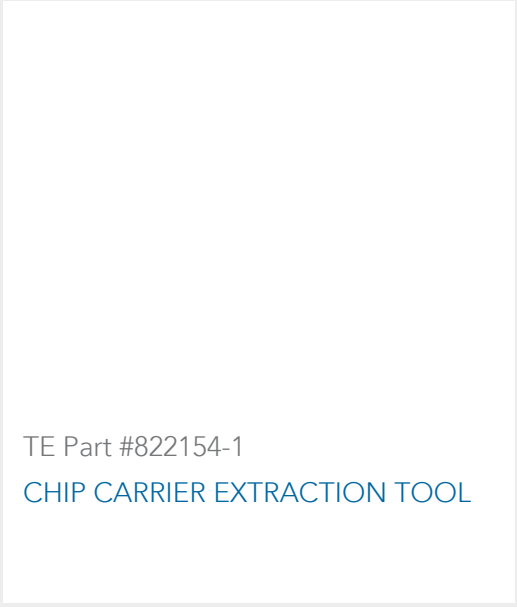
TE Part #1551892-1
Cage Assy Behind Bezel QSFP28



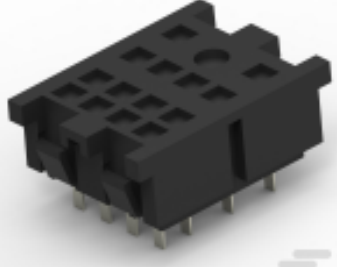
TE Part #2-1617748-1
FCA-125-15=M6106/19-015



TE Part #1888653-5
2X1 OFFSET ST/JK WITH LEDS



TE Part #822154-1
CHIP CARRIER EXTRACTION TOOL



TE Part #1419106-3
27E023=SOCKET,KH,14,PCB,PHEN,BL

Documents



Product Drawings

TP11CGPC204

English

CAD Files

Customer View Model

ENG_CVM_CVM_1825095-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1825095-2_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1825095-2_A.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