

1825097-1 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch TPB](#)

TE Internal #: 1825097-1

Alcoswitch TPB, Push Button Switches, Single Pole - Single Throw Configuration (Pole-Throw), Switch, Single Actuator, Extended Actuator Profile

[View on TE.com >](#)



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: **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 - 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	Extended
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	Vertical
Push Button Switch Mounting Type	Through Hole

### Housing Features

Low Profile	No
Process Sealed	No

### Dimensions

Actuator Length	3.28 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 2022  
 (223)  
 Candidate List Declared Against: JUN 2016  
 (169)  
 SVHC > Threshold:  
 Not Yet Reviewed

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 Part # 1825095-1  
TP11CGPC004



TE Part # 1825095-2  
TP11CGPC204



TE Part # 1825095-3  
TP11CGRA004



TE Part # 1825097-5  
TPB11CGRAES004



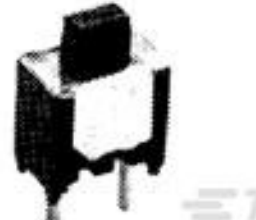
TE Part # 6-1437571-1  
TPB11CGRAES0=SW PUSHBUTTON  
SPD



TE Part # 7-1437572-1  
TPF11CGPCES0=SEALED TPF11CG-P



TE Part # 7-1437571-7  
TPB11FGVRA0=TINY PUSHBUTTON



TE Part # 1437571-4  
TP11CGPC0=SWITCH P/B N/O BLACK




TE Part # 5-1437571-5  
TPB11CGPCES0=SEALED TPB11CG-PC



TE Part # 2-1825097-0  
TPB11CGPCES004



TE Part # 2-1825097-2  
TPBF11CGRAES004



TE Part # 2-1825097-3  
TPBF11FGPCES004



TE Part # 2-1825097-6  
TPBF11FGRAES004



TE Part # 6-1437571-2  
TPB11CGRAES2=SW PUSHBUTTON SPD




TE Part # 6-1437571-9  
TPB11FGPCES2=SW P/B ENVIRONMEN



TE Part # 7-1437571-4  
TPB11FGRAES0=SW PUSHBUTTON S. P



TE Part # 7-1437571-6  
TPB11FGRAES6=PUSH BUTTON SP SW



TE Part # 9-1437571-2  
TPB11CGPCES0=FLUSH PLUNGER PU




TE Part # 1437572-2  
TPBF11FGRAES0=FLUSH PLUNGER PU



TE Part # 7-1437572-9  
TPF11FGPCES0=TPF11FG-PC-ES

Also in the Series | Alcoswitch TPB

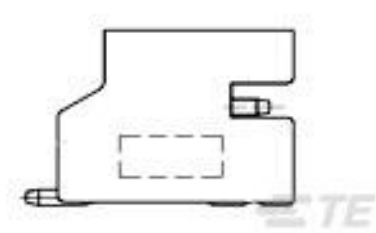


Push Button Switches(19)

Customers Also Bought



TE Part #640452-8  
08P MTA100 HDR ASSY SQ STR



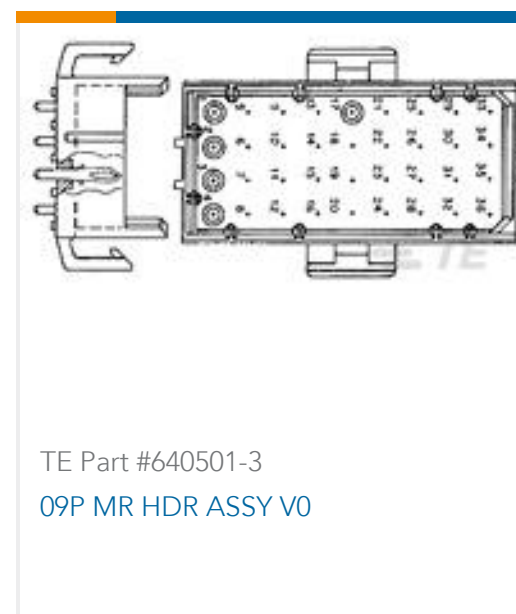
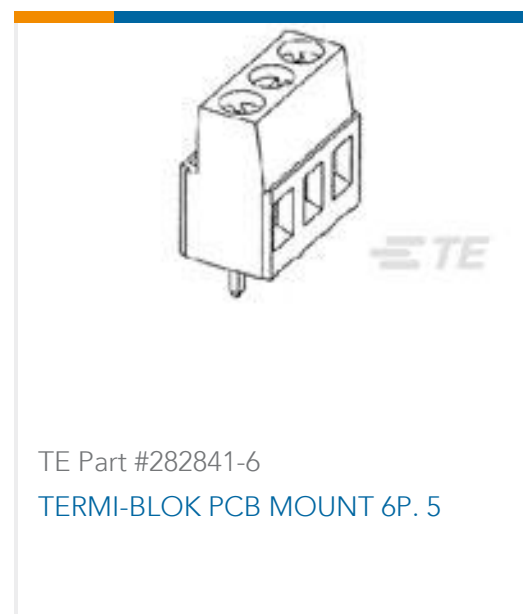
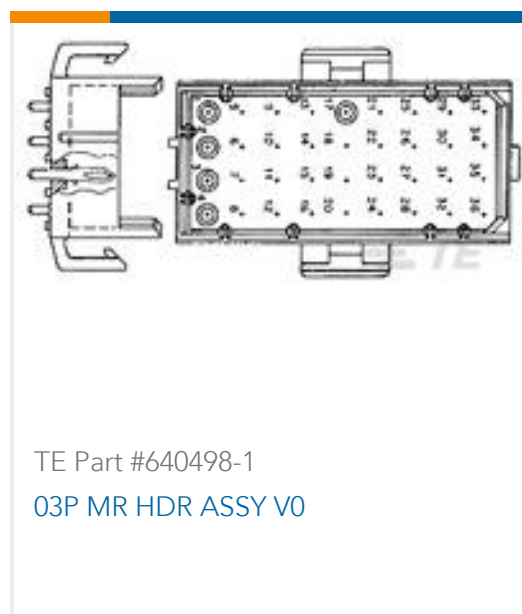
TE Part #1775469-3  
HPI CONN., 2.0MM, R/A, SMT, 3P, 80U



TE Part #8-6437630-1  
A4TN15W04



TE Part #3-6609128-1  
6VM2S=F8099



## Documents

### Product Drawings

[TPB11CGPC004](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1825097-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1825097-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1825097-1\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[SWITCHES\\_CORE\\_PROGRAM\\_CATALOG](#)

English