



Switches > Toggle Switches



Contact Current Rating: **.4 A**  
Configuration (Pole-Throw): **Double Pole - Double Throw**  
Operating Function: **On None On**  
Number of Positions: **2**  
Operating Voltage: **20 VDC**

Features

Product Type Features

Sealed Device	Yes
Switch Connection Type	Printed Circuit
Toggle Style	Baton Short
Switch Type	Toggle Switch

Configuration Features

Configuration (Pole-Throw)	Double Pole - Double Throw
Operating Function	On None On
Number of Positions	2

Electrical Characteristics

Insulation Resistance	1000 MΩ
Dielectric Withstanding Voltage (Max)	1000 VAC
Contact Current Rating	.4 A
Operating Voltage	20 VDC

Body Features

Actuator Finish	Nickel
Case Color	Black
Product Orientation	Vertical
Bushing Style	Unthreaded



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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Mechanical Attachment

Product Mount Type	Board Mount
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Housing Features

Process Sealed	No
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Dimensions

Toggle Length	5.48 mm[.216 in]
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Industry Standards

UL Flammability Rating	UL 94V-0
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 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 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 # 1825222-3  
TT13D2T04

Customers Also Bought



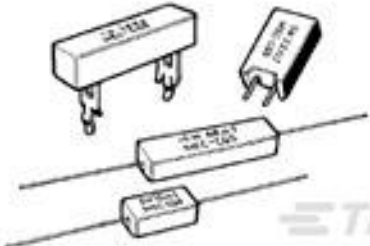
TE Part #T4110012031-000  
M12 F, 3P GOLD A\_CODE S  
SHIELDED PG9



TE Part #969973-5  
2x5P HV100 REC. CON, SMD, GOLD,  
BLISTER



TE Part #8-1879516-8  
CRGH1206 1% 100K 0.5W



TE Part #1623782-6  
SQM5 220R 5% (METAL FILM)



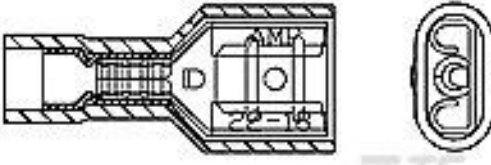
TE Part #CAT-C339-A76A  
SMD Power Resistor: 2 Watt, 3521  
Series



TE Part #1676271-2  
RN 0805 26K1 0.1% 10PPM 1KRL



TE Part #6-1879336-2  
CPF 0603 1K0 1% 50PPM 1K RL



TE Part #735278  
EPEZT \* STECKHUELSE ISOLIERT 6,3  
X 1,0 \*



TE Part #T4132012031-000  
M12,FRONT MOUNT,MALE,A,3P,  
SOLDER WIRE

Documents



Product Drawings

TT21NGPC1=SW TOGGLE W/GOLD PC

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1437562-3\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1437562-3\_C.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_1437562-3\_C.2d\_dxf.zip

English

3D PDF

3D

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Datasheets & Catalog Pages

SWITCHES\_CORE\_PROGRAM\_CATALOG

English