6-1825136-3 ✔ ACTIVE

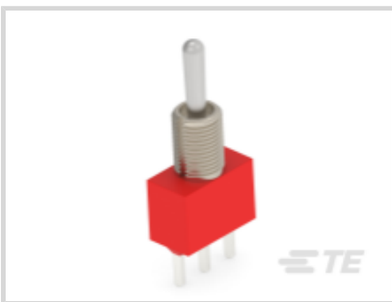
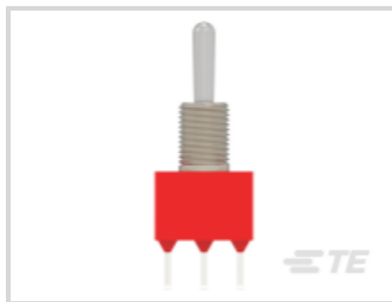
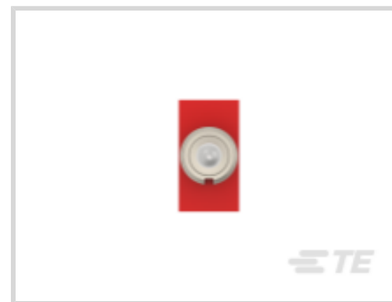
ALCOSWITCH | ALCOSWITCH Gemini A

TE Internal #: 6-1825136-3

5 A Toggle Switch, Single Pole - Double Throw Configuration (Pole-Throw), On (On), 2 Position, 28 VDC, 125 VAC, ALCOSWITCH Gemini A

View on TE.com >

Switches > Toggle Switches

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

Operating Function: **On (On)**

Number of Positions: **2**

Contact Current Rating: **5 A**

Operating Voltage: **28 VDC**

Features

Product Type Features

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

Configuration Features

Configuration (Pole-Throw)	Single Pole - Double Throw
Operating Function	On (On)
Number of Positions	2

Electrical Characteristics

Contact Resistance	10 mΩ
Insulation Resistance	1000 MΩ
Dielectric Withstanding Voltage (Max)	1000 VAC
Contact Current Rating	5 A
Operating Voltage	125 VAC

Body Features

Actuator Finish	Nickel
Product Orientation	Vertical
Bushing Style	Threaded
Bushing Thread Size	1/4-40

Contact Features

Contact Base Material	Copper
Switch Contact Plating Material	Silver

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Product Mount Type	Panel & Printed Circuit Board

Housing Features

Process Sealed	No

Dimensions

Toggle Length	10.4 mm[.41 in]

Industry Standards

UL Flammability Rating	UL 94V-1

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 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) SVHC > Threshold: Pb (4% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 4-1825136-5
A101SYCQ04

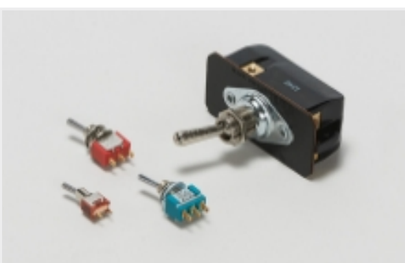
TE Part # 4-1825136-9
A101SYZQ04

TE Part # 5-1825136-9
A108P3ZQ04

TE Part # 4-1825136-3
A101SYAQ04

TE Part # 1825136-7
A101KZQ04

Also in the Series | ALCOSWITCH Gemini A



Toggle Switches(77)

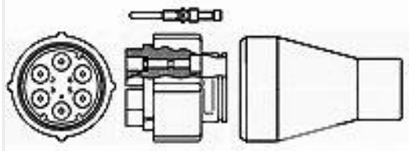
Customers Also Bought

TE Part #GA10K3A1IB
DISCRETE 10K OHMS,+/-0.2C FROM 0C TO 70C

TE Part #8-52929-1
PIDG SP SPD 22-16COMM22-18MIL6

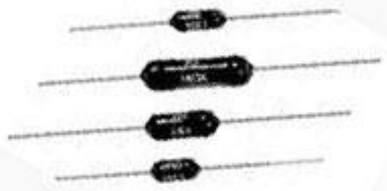
TE Part #2-644861-2
02P MTA100 SHRD HDR,W/O PEG SN

TE Part #861647-8
RECPT FLANGED HV 7 CONTACT



TE Part #863024-1
LGH PLUG ASSY HV 7 PIN

TE Part #1423674-6
W54-XB1A4A10-10=CKTBKR,THERM,P



TE Part #8-1879662-7
H8 78R7 0.1% 15PPM

TE Part #9-2176412-7
5W XSM M/OX 5% 51K

TE Part #7-6609107-0
PS0S0DS3A=C1182

TE Part #4-2103015-2
PLUG SUBASSY, B, HVA280-2PHM F

Documents

Product Drawings

A108SYCQ04

English

CAD Files

Customer View Model

ENG_CVM_CVM_6-1825136-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1825136-3_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_6-1825136-3_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

SWITCHES_CORE_PROGRAM_CATALOG

English

GEMINI_SERIES_SWITCHES_QUICK_REF_GUIDE_2-1773458-5

English