

6-1825136-2 ✓ ACTIVE

ALCOSWITCH | ALCOSWITCH Gemini A

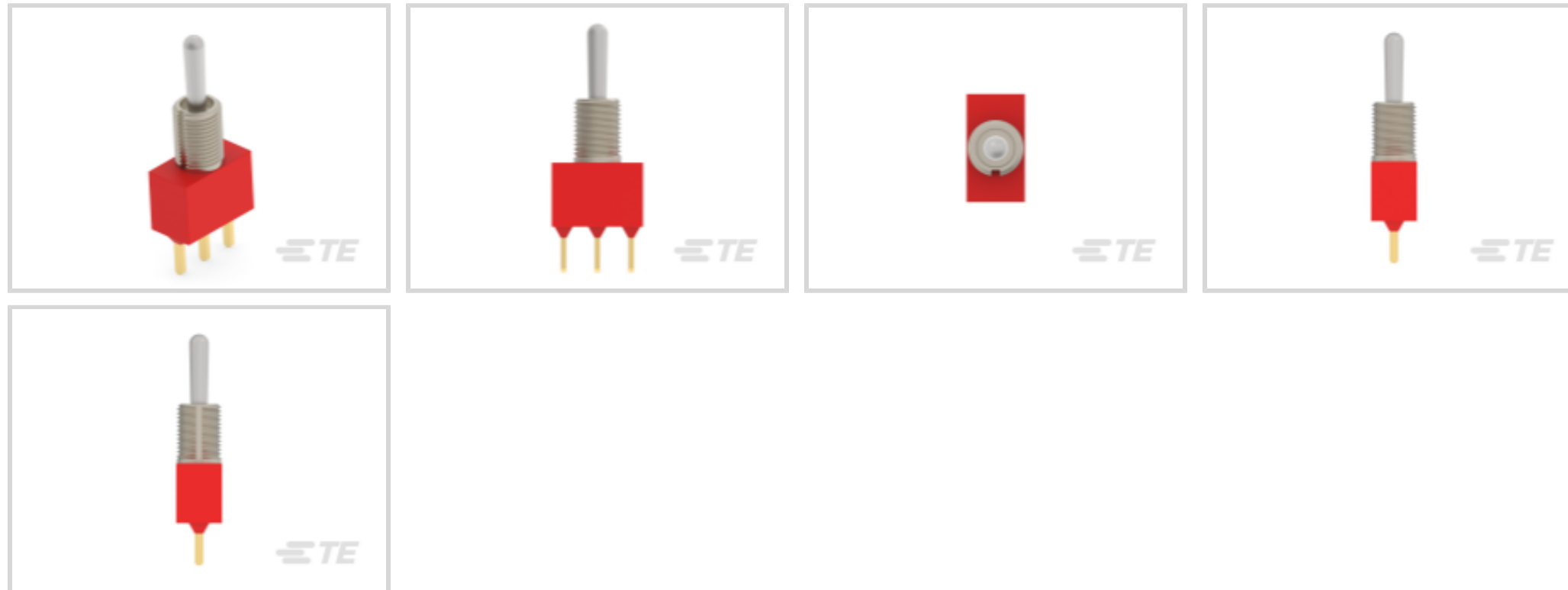
TE Internal #: 6-1825136-2

.4 A Toggle Switch, Single Pole - Double Throw Configuration (Pole-Throw), On (On), 2 Position, 20 VDC, 20 VAC, ALCOSWITCH Gemini A

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Switches > Toggle Switches



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

Operating Function: **On (On)**

Number of Positions: **2**

Contact Current Rating: **.4 A**

Operating Voltage: **20 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	.4 A
Operating Voltage	20 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	Gold

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Product Mount Type	Panel & Printed Circuit Board
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Housing Features

Process Sealed	No
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Dimensions

Toggle Length	10.4 mm[.41 in]
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Industry Standards

UL Flammability Rating	UL 94V-1
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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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (3.7% in component) 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

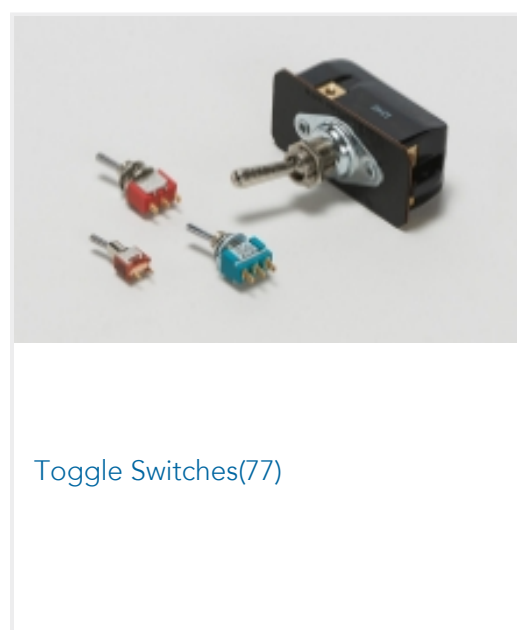
Solder Process Capability

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

Also in the Series | **ALCOSWITCH Gemini A**

Customers Also Bought



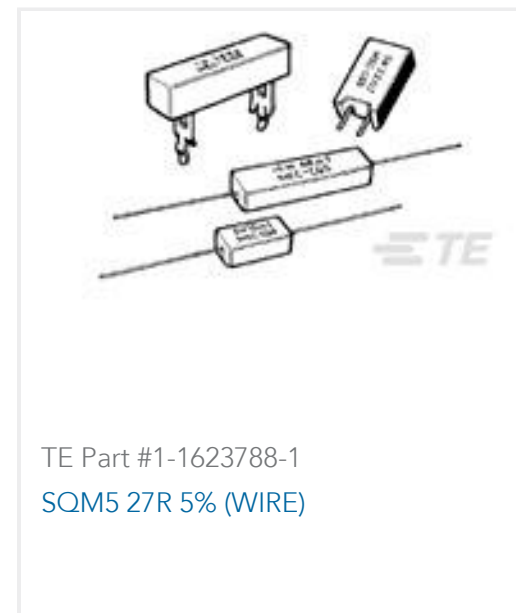
TE Part #816551-SF
RN214-0.8-02-27M



TE Part #280381-2
10P MODU II SHRD HDR,RT ANG, 0.38
AU



TE Part #1318386-2
025 16P PLUG HSG ASSY H-TYP



TE Part #1-1623788-1
SQM5 27R 5% (WIRE)



TE Part #1-1825139-9
A205T1ZQ04



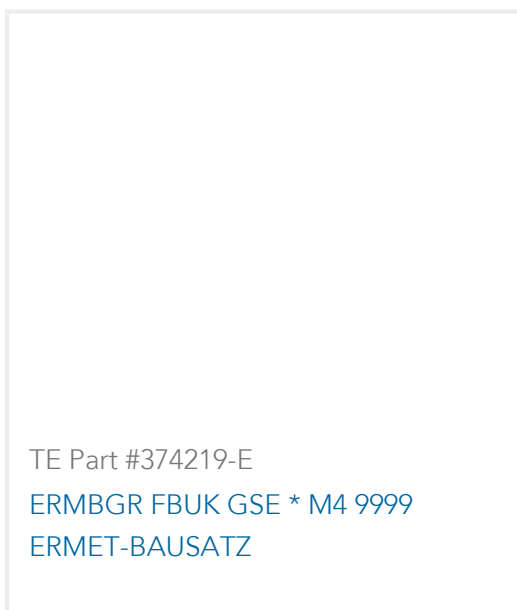
TE Part #2195892-1
External Ant., SMA, 423-443MHz



TE Part #2195892-2
External Ant., SMA, 423-443MHz



TE Part #5406721-3
MJ,RJ45,SMT,BLACK,22" REEL



TE Part #374219-E
ERMBGR FBUK GSE * M4 9999
ERMET-BAUSATZ



TE Part #2362764-9
MATENET,CABLE ASSY,1 GBPS UTP

Documents

Product Drawings

[A108SYCB04](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_6-1825136-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1825136-2_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1825136-2_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



[SWITCHES_CORE_PROGRAM_CATALOG](#)

English

[GEMINI_SERIES_SWITCHES_QUICK_REF_GUIDE_2-1773458-5](#)

English