

1825139-2 ✓ ACTIVE

Alcoswitch | Alcoswitch Gemini A Series

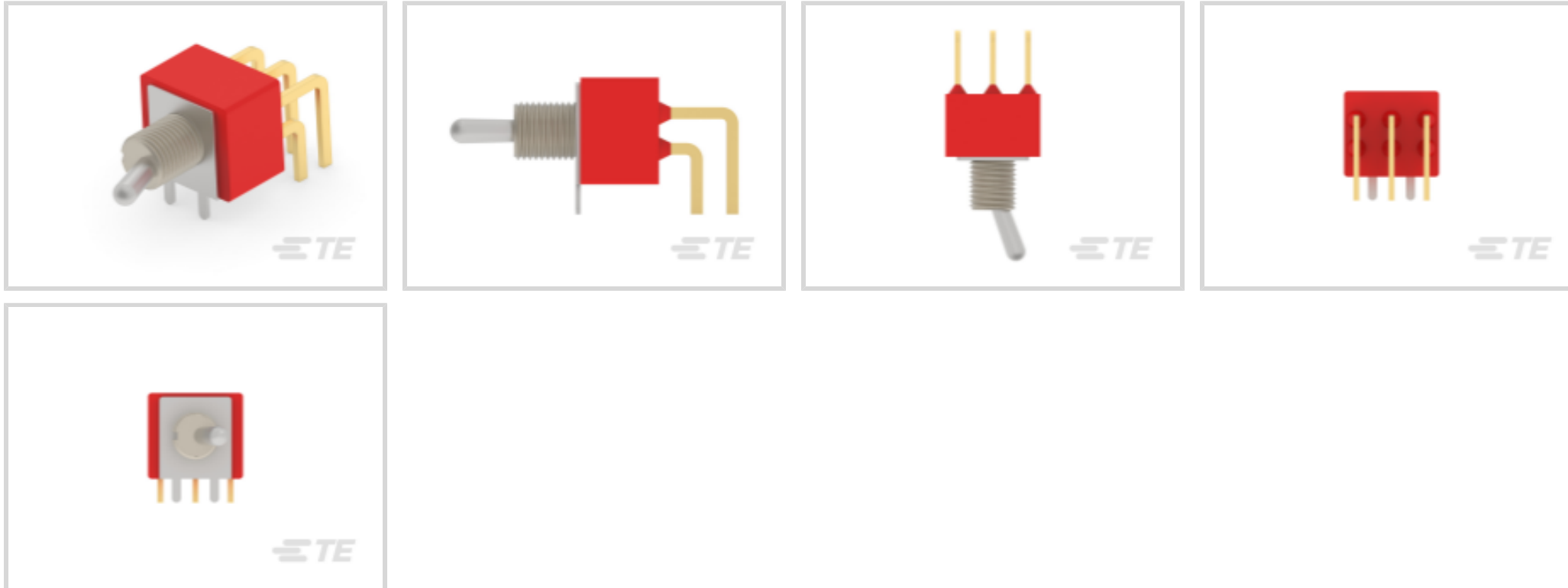
TE Internal #: 1825139-2

.4 A Toggle Switch, Double Pole - Double Throw Configuration (Pole-Throw), On Off On, 3 Position, 20 VDC, 20 VAC, Alcoswitch Gemini A Series

[View on TE.com >](#)



Switches > Toggle Switches



Contact Current Rating: .4 A

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

Operating Function: On Off On

Number of Positions: 3

Operating Voltage: 20 VDC

Features

Industry Standards

UL Flammability Rating	UL 94V-1
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Dimensions

Toggle Length	6.86 mm[.27 in] .28 in
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Product Type Features

Sealed Device	Yes
Toggle Style	Baton Short
Switch Type	Toggle Switch

Body Features

Actuator Finish	Nickel
Product Orientation	Right Angle
Bushing Style	Unthreaded
Bushing Thread Size	1/4-40



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

Configuration Features

Configuration (Pole-Throw)	Double Pole - Double Throw
Operating Function	On Off On
Number of Positions	3

Mechanical Attachment

Product Mount Type	Panel & Printed Circuit Board
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Housing Features

Process Sealed	No
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Contact Features

Contact Base Material	Copper
Switch Contact Plating Material	Gold

Termination Features

Termination Method to PCB	Through Hole - Solder
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Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Wave solder capable to 265°C

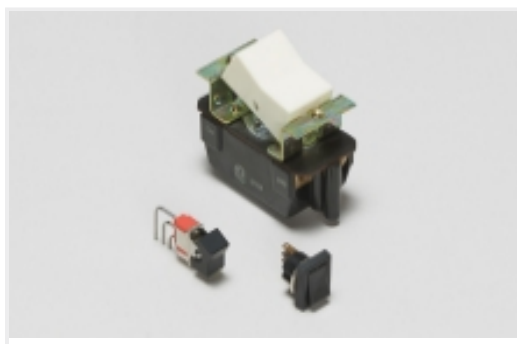
Product Compliance Disclaimer

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 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 Series](#)



Rocker Switches(6)



Toggle Switches(34)

Customers Also Bought

TE Part #1419108-6
RT214730TE Part #1-2176331-8
CRGP 2512 270R 1%TE Part #2176230-8
3522 3R3 5% 3WTE Part #2176331-6
CRGP 2512 27R 1%TE Part #7-2176070-3
3521 10K 1% 2WTE Part #1-1825059-2
ADF03STTR04=DIP S,FLUSH,SMT-GWTE Part #9-1415029-1
PB114024TE Part #1-406541-1
MJ,INV,1X1,6PNL G.,100"ST,SN"TE Part #6368150-3
MJ,TE,8P,CAT5,SHIELDEDTE Part #5-1393788-7
V23079D1003B301

Documents

Product Drawings

[A203MD9AB04](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1825139-2_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1825139-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825139-2_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

[GEMINI_SERIES_SWITCHES_QUICK_REF_GUIDE_2-1773458-5](#)

English