

1-1825006-7 ✓ ACTIVE

Alcoswitch | Alcoswitch DIP, Alcoswitch DIP GDS

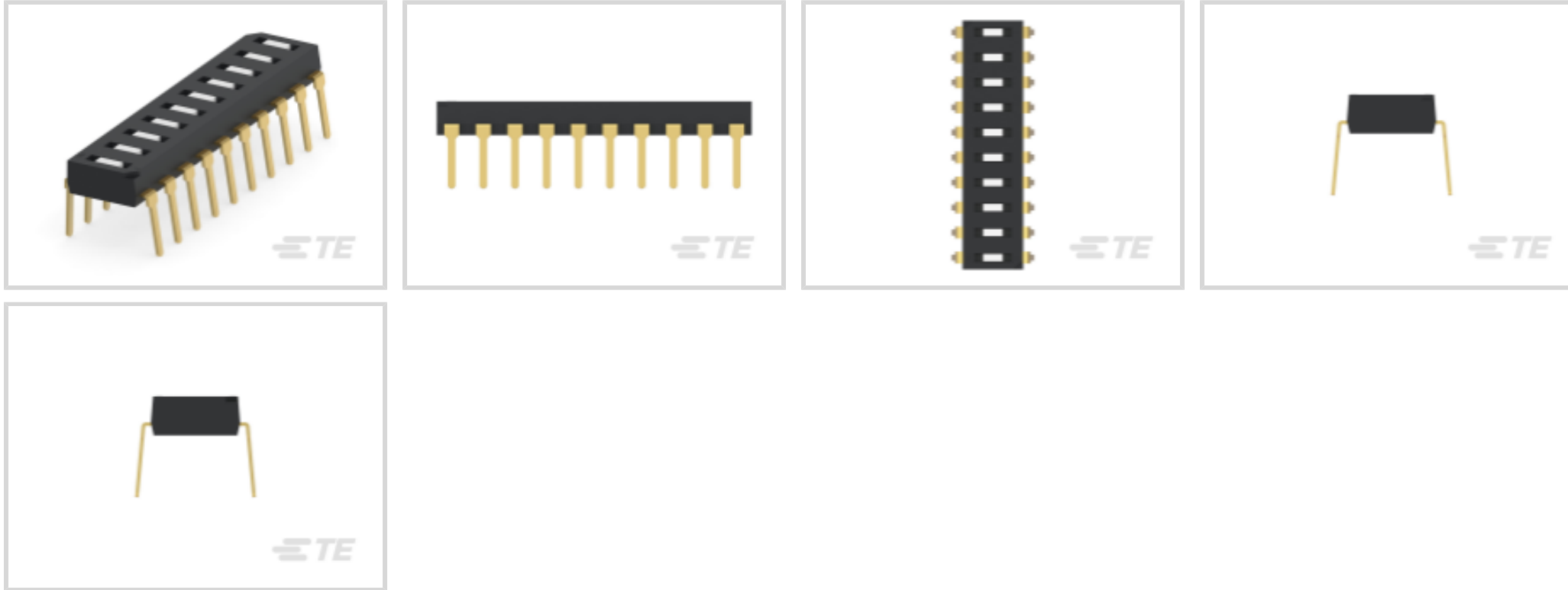
TE Internal #: 1-1825006-7

DIP Switch, Gold Contact Plating, Black, Polyphenylene Sulfide (PPS), Sealed, 10 Switch, -45 – 100 °C, Slide Actuator, Alcoswitch DIP

[View on TE.com >](#)



Switches > DIP & SIP Switches



DIP & SIP Switch Type: **DIP**

Switch Contact Plating Material: **Gold**

Case Color: **Black**

Case Material: **Polyphenylene Sulfide (PPS)**

Sealed Device: **Yes**

Features

Operation/Application

Assembly Process Feature	Auto-Insert Packaging
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Industry Standards

UL Flammability Rating	UL 94V-0
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Dimensions

Product Length	25.25 mm[.994 in]
Product Height	2.7 mm[.106 in]

Packaging Features

Packaging Method	Tube
Packaging Quantity	15

Housing Features

Low Profile	Yes
Centerline (Pitch)	2.54 mm[.1 in]

Termination Features

Termination Post & Tail Length	4.3 mm[.169 in]
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Termination Method to PCB

Through Hole - Solder

Configuration Features

Number of Positions	10
Number of Switches	10
Configuration (Pole-Throw)	Single Pole - Single Throw

Body Features

Sealing Method	Sealing Tape
Actuator Color	White
Product Orientation	Vertical
Case Color	Black
Case Material	Polyphenylene Sulfide (PPS)

Contact Features

Contact Underplating Material	Nickel
	10 µin
PCB Contact Termination Area Plating Material	Gold
Switch Contact Plating Material	Gold
Contact Base Material	Copper Alloy

Product Type Features

DIP & SIP Switch Type	DIP
Sealed Device	Yes
Actuator Style	Slide Actuator

Usage Conditions

Operating Temperature Range	-45 – 100 °C
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Electrical Characteristics

Contact Current Rating	.1 A
Operating Voltage	50 VDC

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

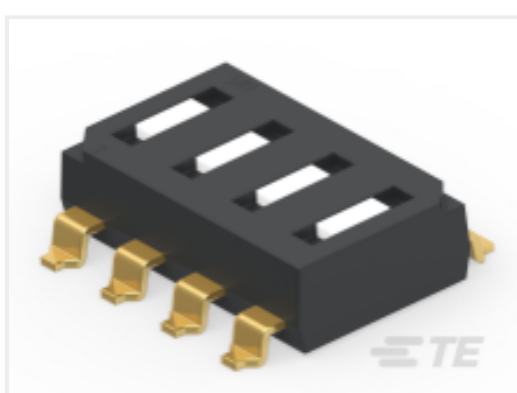


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1825006-7
GDS04S04=DIP SW,SLIDE,SMT



TE Part # 1-1825006-2
GDS06STR04=DIP SW,SLIDE,SMT,TR



TE Part # 1-1825006-6
GDS08STR04=DIP SW,SLIDE,SMT,TR

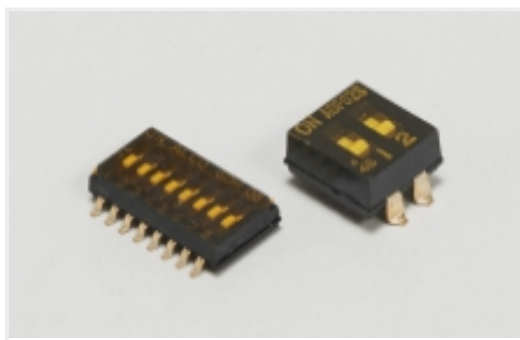


TE Part # 1825006-3
GDS02S04=DIP SW,SLIDE,SMT



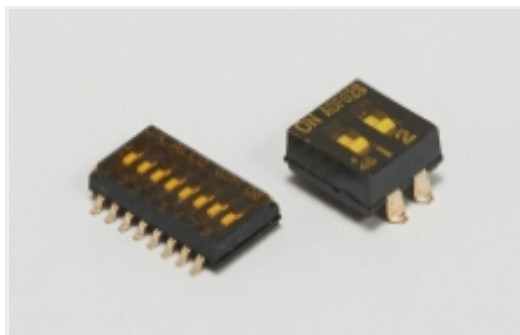
TE Part # 1-1825006-5
GDS08S04=DIP SW,SLIDE,SMT

Also in the Series | Alcoswitch DIP GDS



DIP & SIP Switches(160)

Also in the Series | [Alcoswitch DIP](#)



DIP & SIP Switches(160)

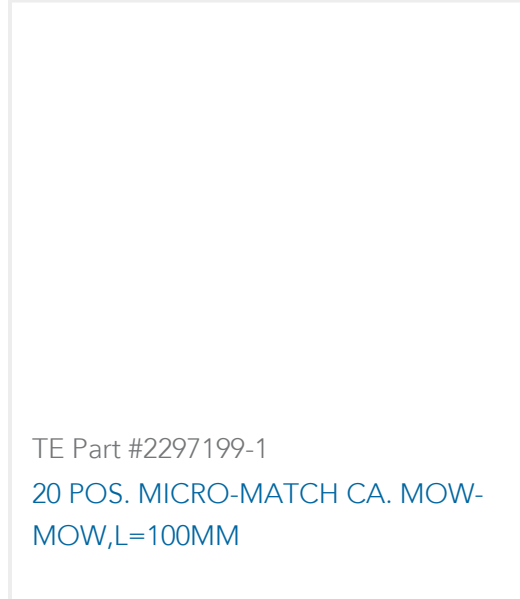


Rotary Switches(16)

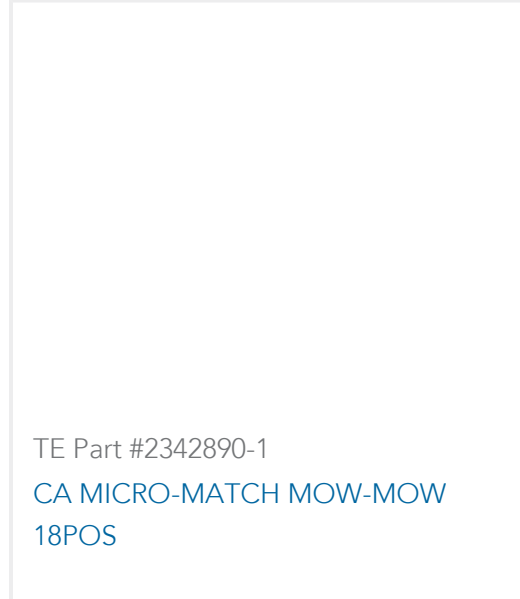
Customers Also Bought



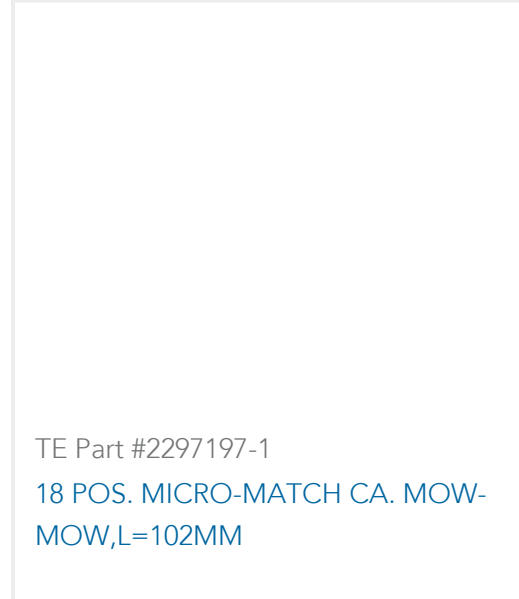
TE Part #1571563-4
FSM4JSMAATR=TACTSWITCH,SMT,
T&R



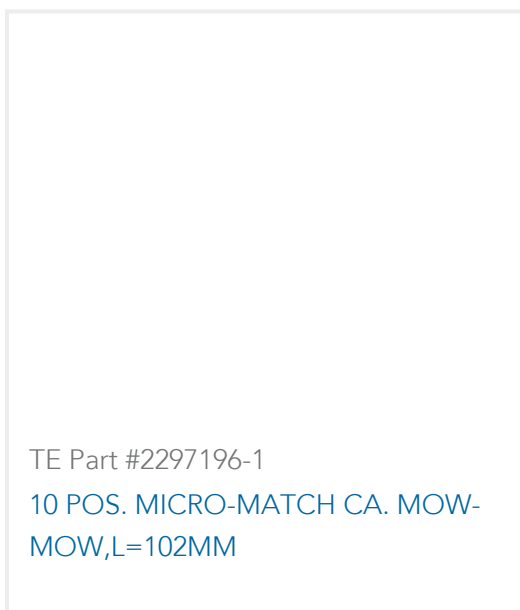
TE Part #2297199-1
20 POS. MICRO-MATCH CA. MOW-
MOW,L=100MM



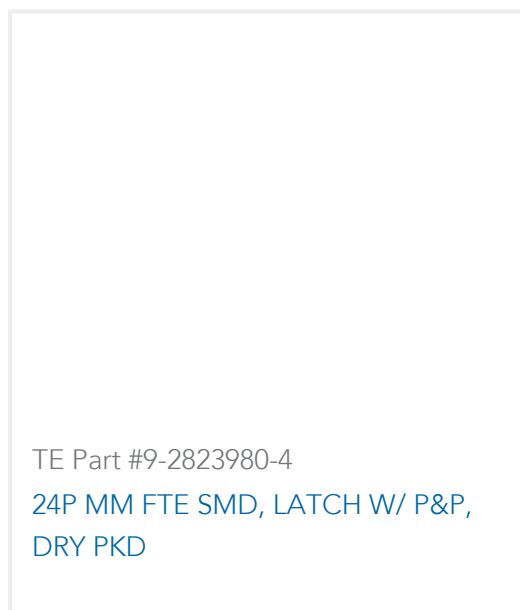
TE Part #2342890-1
CA MICRO-MATCH MOW-MOW
18POS



TE Part #2297197-1
18 POS. MICRO-MATCH CA. MOW-
MOW,L=102MM



TE Part #2297196-1
10 POS. MICRO-MATCH CA. MOW-
MOW,L=102MM



TE Part #9-2823980-4
24P MM FTE SMD, LATCH W/ P&P,
DRY PKD

Documents

Product Drawings

[GDS1004=DIP SW,SLIDE,THRU/HL](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_1-1825006-7_O.2d_dxf.zip](#)



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1825006-7_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1825006-7_O.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