

1825190-7 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch DIP](#), [Alcoswitch DIP Shunt](#)

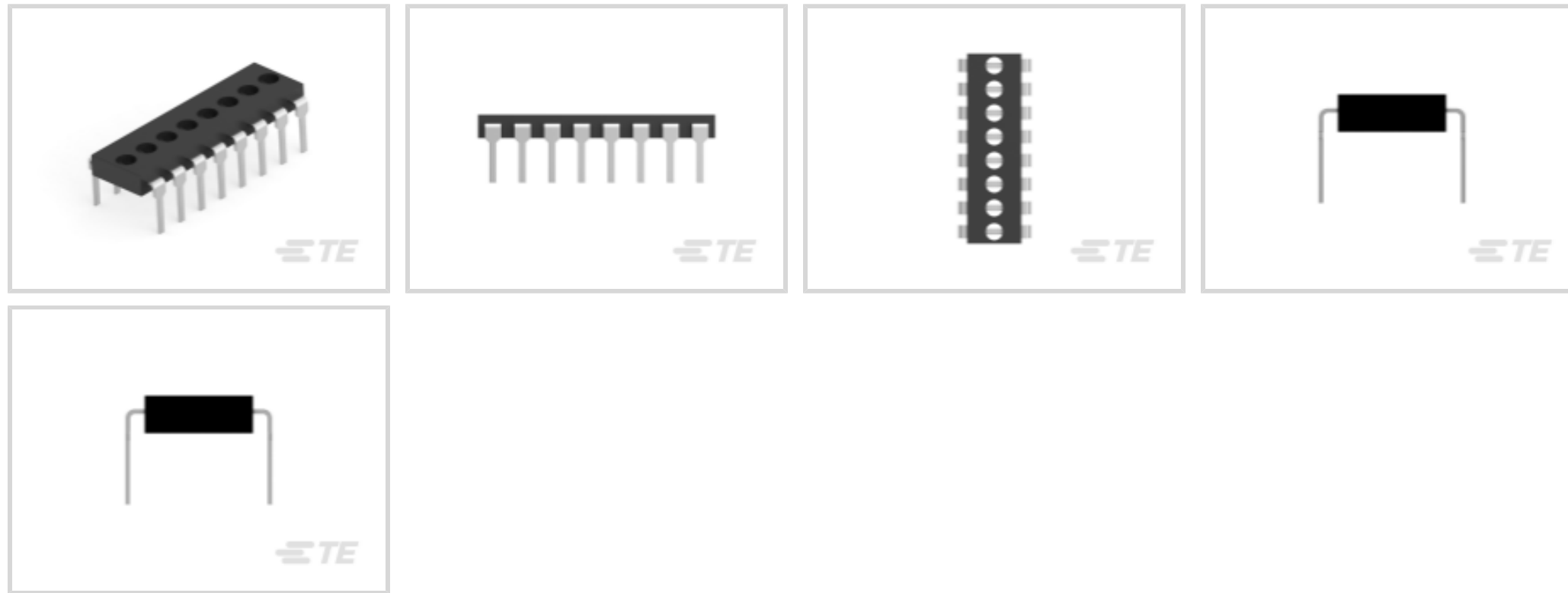
TE Internal #: 1825190-7

DIP & SIP Switches, Shunt, Tin, Black Housing, High Temperature Nylon, 8 Switch, -30 – 85 °C, DIP, 2 A, Alcoswitch DIP

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > DIP & SIP Switches



DIP & SIP Switch Product Type: **Shunt**

DIP & SIP Switch Contact Mating Area Plating Material: **Tin**

DIP & SIP Switch Housing Color: **Black**

DIP & SIP Switch Housing Material: **High Temperature Nylon**

Auto-Insertable: **No**

## Features

### Product Type Features

DIP & SIP Switch Product Type	Shunt
Sealed DIP & SIP Switch	No
DIP & SIP Switch Type	DIP

### Configuration Features

Number of Positions	8
Number of Switches	8
Configuration (Pole-Throw)	Single Pole - Single Throw

### Electrical Characteristics

DIP & SIP Switch Voltage Rating	500 VDC
---------------------------------	---------

### Contact Features

Solder Tail Contact Plating	Tin
Shunt Type	DIP
DIP & SIP Switch Contact Mating Area Plating Material	Tin
Auto-Insertable	No



DIP & SIP Switch Contact Current Rating	2 A
---	-----

Contact Base Material	Copper Alloy
-----------------------	--------------

### Termination Features

Termination Post Length	3.8 mm[.15 in]
-------------------------	----------------

### Mechanical Attachment

Mounting Angle	Right Angle
----------------	-------------

DIP & SIP Switch Mounting Type	Through Hole
--------------------------------	--------------

### Housing Features

DIP & SIP Switch Housing Color	Black
--------------------------------	-------

DIP & SIP Switch Housing Material	High Temperature Nylon
-----------------------------------	------------------------

DIP & SIP Switch Centerline	2.54 mm[.1 in]
-----------------------------	----------------

### Dimensions

Length	20.32 mm[.799 in]
--------	-------------------

Height	2 mm[.079 in]
--------	---------------

### Usage Conditions

Operating Temperature Range	-30 – 85 °C
-----------------------------	-------------

### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

### Packaging Features

Packaging Method	Tube
------------------	------

Packaging Quantity	25
--------------------	----

### 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
--	---

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

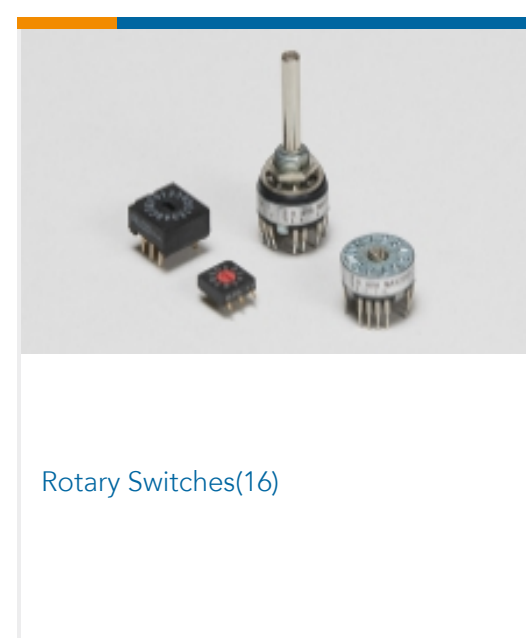
## Product Compliance Disclaimer

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 DIP

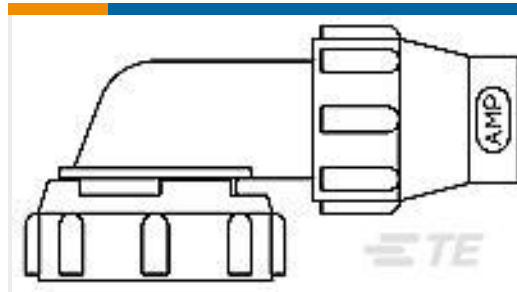


## Also in the Series | Alcoswitch DIP Shunt



DIP &amp; SIP Switches(2)

## Customers Also Bought

TE Part #206705-3  
CPC RECPT ASSEMBLY SIZE 13-9TE Part #213982-1  
R/A STRN RELIEF KIT, SZ 13, CPCTE Part #1-1825190-0  
DIP Shunt, 12 posTE Part #641966-1  
03P UMNL PIN HDR ASSY 94VOTE Part #4-1623929-0  
CFR200 5% 470RTE Part #1-2176330-0  
CRGP 2010 56R 1%TE Part #9-1393792-9  
V23105A5305A201

## Documents

### Product Drawings

#### DIP Shunt, 8 pos

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1825190-7\\_C1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1825190-7\\_C1.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1825190-7\\_C1.2d\\_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

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION\\_6\\_7AND8](#)

English

---

**Product Specifications**

[Application Specification](#)

English

---

**Product Environmental Compliance**

[MD\\_1825190-7\\_04162014033\\_dmtec](#)

English

[MD\\_1825190-7\\_04162014033\\_dmtec](#)

English