

1-1825190-0 ✓ ACTIVE

Alcoswitch | Alcoswitch SBP

TE Internal #: 1-1825190-0

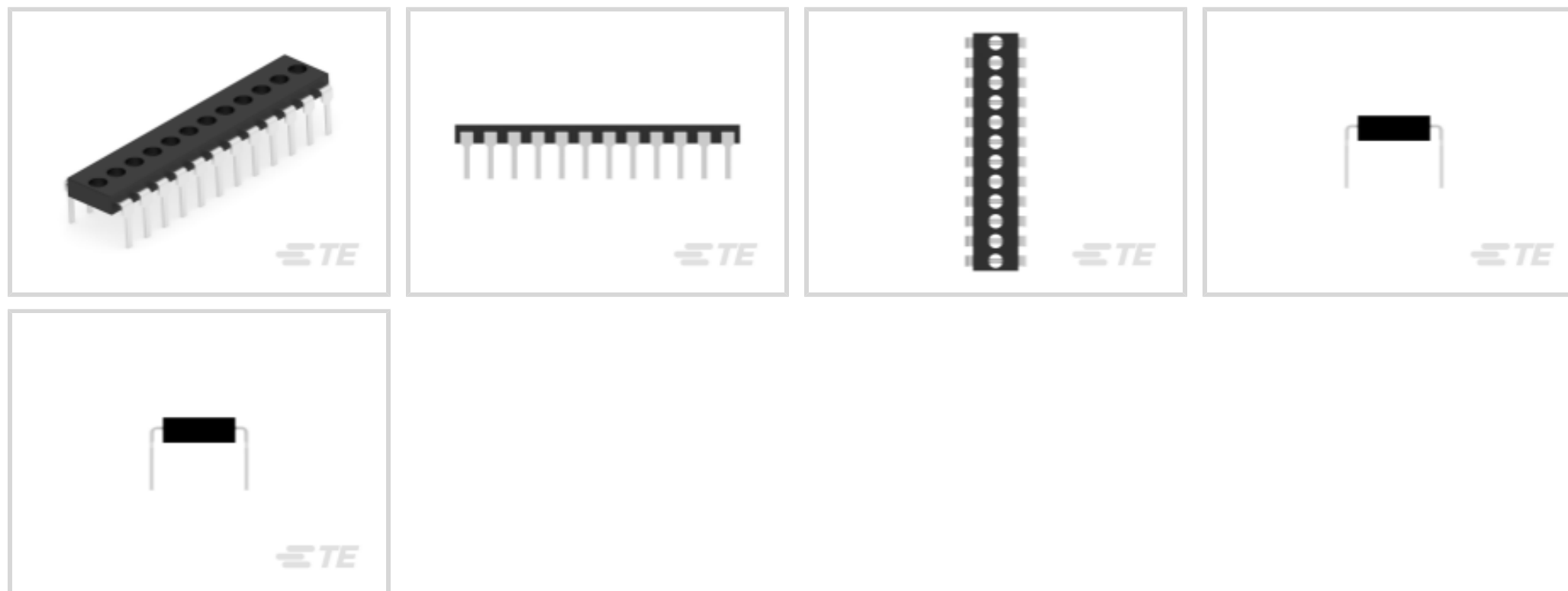
DIP & SIP Switches, Shunt, Tin, Black Housing, High Temperature

Nylon, 12 Switch, -30 – 85 °C, DIP, 2 A, Alcoswitch SBP

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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        | 12                         |
| Number of Switches         | 12                         |
| 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 | 30.48 mm[1.2 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 | 30 |
|--------------------|----|

### 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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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 SBP



## Documents

## Product Drawings

DIP Shunt, 12 pos

English

## CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1825190-0\\_C1.3d\\_igs.zip](#)

English



**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1825190-0\\_C1.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1825190-0\\_C1.2d\\_dxf.zip](#)

English

**3D PDF**

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Datasheets & Catalog Pages**

[SWITCHES\\_CORE\\_PROGRAM\\_CATALOG](#)

English

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

English

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**Product Specifications**

[Application Specification](#)

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**Product Environmental Compliance**

[Product Compliance](#)

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