

1825190-3 ✓ ACTIVE

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

TE Internal #: 1825190-3

DIP & SIP Switches, Shunt, Tin, Black Housing, High Temperature Nylon, 4 Switch, 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 | 4 |
| Number of Switches | 4 |
| 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

| | |
|--------|-------------------|
| Height | 2 mm[.079 in] |
| Length | 10.16 mm[.399 in] |

Industry Standards

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

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Tube |
| Packaging Quantity | 500 |

Other

| | |
|---------|----------------------------------|
| Comment | Soldering in "off" position only |
|---------|----------------------------------|

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 | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (.34% 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 |

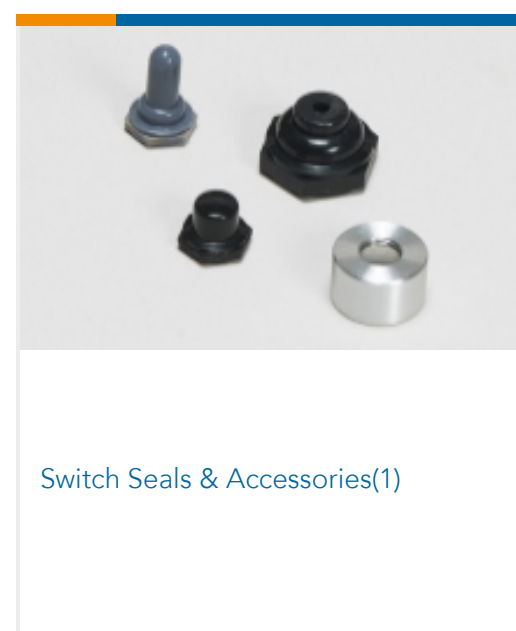
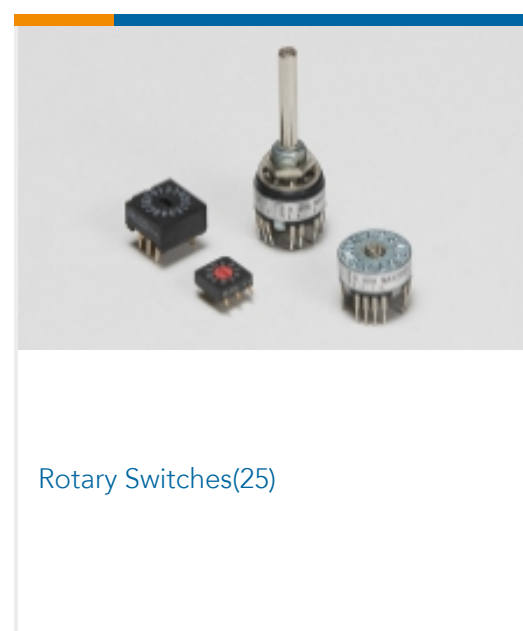
Product Compliance Disclaimer

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>

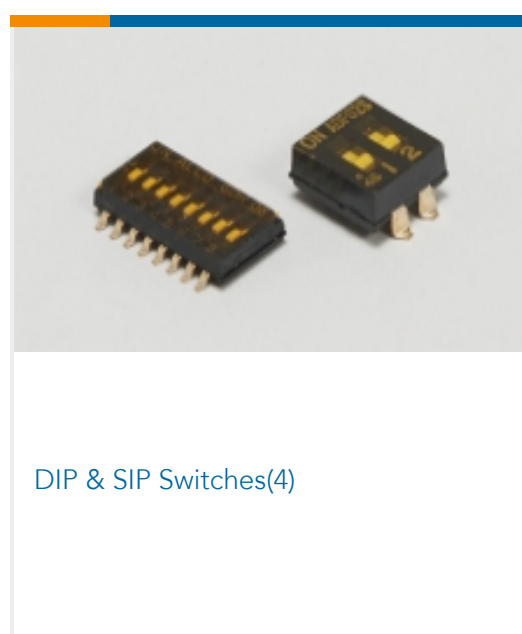
Compatible Parts



Also in the Series | Alcoswitch DIP



Also in the Series | Alcoswitch DIP Shunt



Customers Also Bought



TE Part #747844-4
09 MSFL RCPT RA 318 (IN,FM,BL)



TE Part #7-338069-6
MICRO-MATCH SMD FTE



TE Part #204505-1
AMPLIMITE,ASY,PLUG,STD,90,3



TE Part #205690-2
SOC. BLOCK 28 POS. SPL.



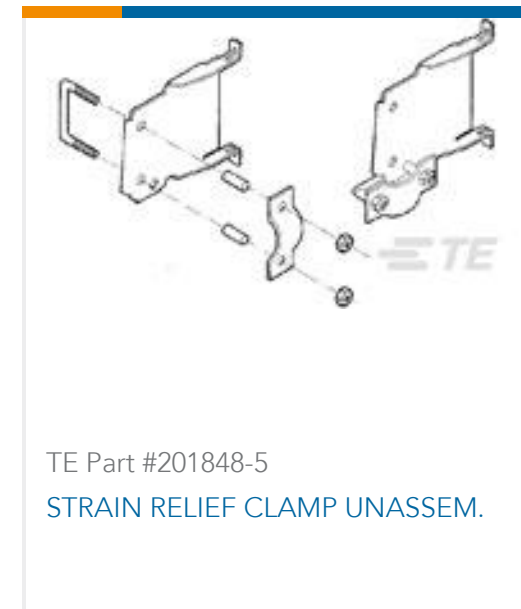
TE Part #1586515-2
04P CMNL HDR ASSY PC UL94 LF



TE Part #204509-1
AMPLIMITE,ASY,PLUG,STD,90,5



TE Part #6-534206-2
24 MODII VRT DR CE 100/115



TE Part #201848-5
STRAIN RELIEF CLAMP UNASSEM.

Documents

Product Drawings

DIP Shunt,4 pos

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1825190-3_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825190-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825190-3_C.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

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1825190-3_04132012725

1825190-3

DIP & SIP Switches, Shunt, Tin, Black Housing, High Temperature Nylon, 4 Switch,
DIP, 2 A, Alcoswitch DIP



English

[MD_1825190-3_04132012725](#)

English