

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

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

Electrical Characteristics

DIP & SIP Switch Voltage Rating	500 VDC
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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]
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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
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Industry Standards

UL Flammability Rating	UL 94V-0
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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: JAN 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
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

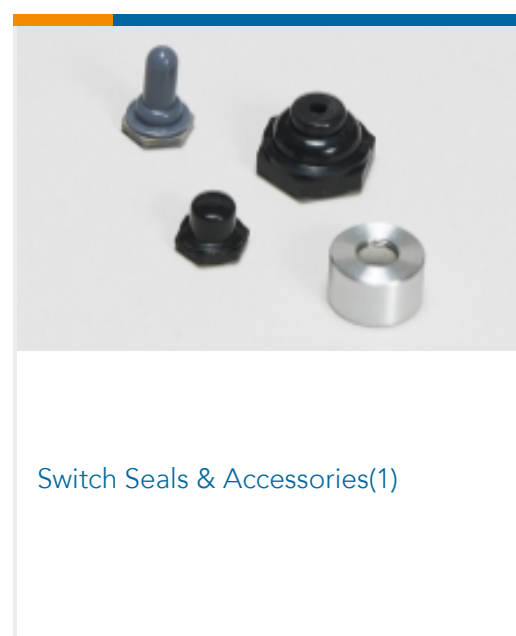
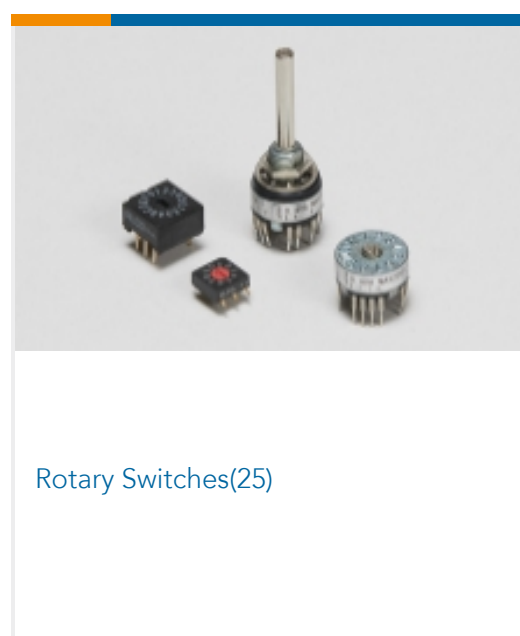
Product Compliance Disclaimer

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>

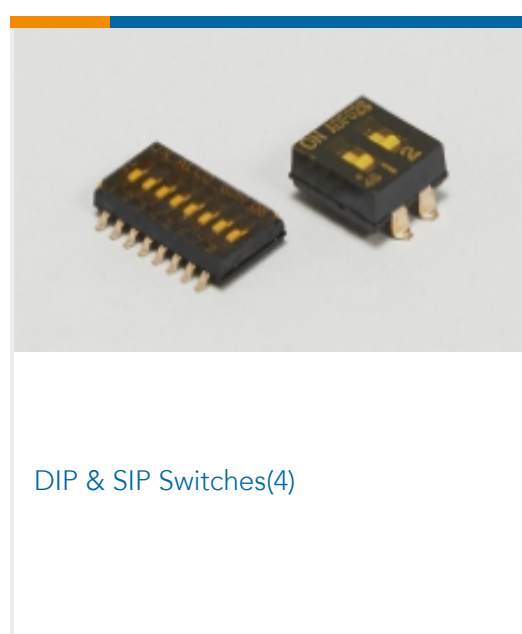
Compatible Parts



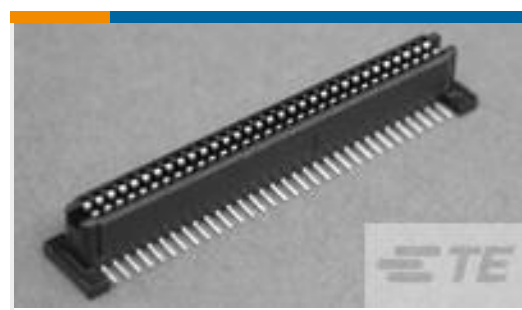
Also in the Series | Alcoswitch DIP



Also in the Series | Alcoswitch DIP Shunt



Customers Also Bought



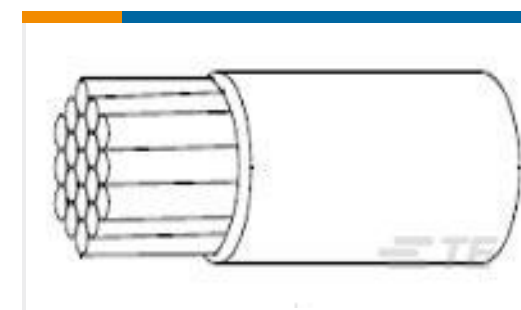
TE Part #1-5120528-1
1FHR,64,50A/S,N,C,S08,09,10



TE Part #227673-1
BNC PCB VERTICAL JACK W/POST



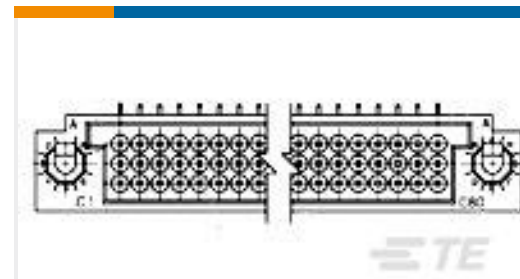
TE Part #4-1623929-0
CFR200 5% 470R



TE Part #216326-000
22759/32-28-0



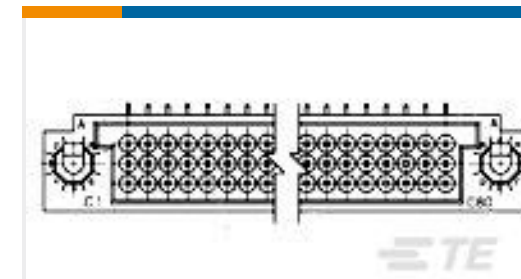
TE Part #1-1617069-0
DS9-1W=DS9 DIP SOLID STATE
RELAY



TE Part #447207-1
3 ROW BOX PIN 240 POS R/A S/L



TE Part #2828454-3
GuideModule, Ass'y, Clockable Keyed
90 Deg



TE Part #447207-8
3 ROW BOX PIN 240 POS R/A

Documents

Product Drawings

DIP Shunt, 8 pos

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1825190-7_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825190-7_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825190-7_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

AMPMODU_INTERCONNECTION_SYSTEM_SECTION_6_7AND8

English

Product Specifications

Application Specification

English

1825190-7

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



Product Environmental Compliance

TE Material Declaration

English