



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



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

DIP & SIP Switch Contact Mating Area Plating Material: **Gold Flash**

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

DIP & SIP Switch Housing Material: **Polyphenylene Sulfide (PPS)**

Auto-Insertable: **No**

Features

Product Type Features

DIP & SIP Switch Product Type	Switch
Sealed DIP & SIP Switch	No
DIP & SIP Switch Type	SIP
Actuator Style	Slide

Configuration Features

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

Electrical Characteristics

DIP & SIP Switch Voltage Rating	5 VDC
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Body Features

Actuator Color	White
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Contact Features

Solder Tail Contact Plating	Gold over Nickel
DIP & SIP Switch Contact Mating Area Plating Material	Gold Flash
Auto-Insertable	No
DIP & SIP Switch Contact Current Rating	1 A
Contact Base Material	Copper Alloy

Termination Features

Termination Post Length	3.6 mm[.142 in]
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Mechanical Attachment

Mounting Angle	Vertical
DIP & SIP Switch Mounting Type	Through Hole

Housing Features

Low Profile	No
DIP & SIP Switch Housing Color	Black
DIP & SIP Switch Housing Material	Polyphenylene Sulfide (PPS)
DIP & SIP Switch Centerline	2.54 mm[.1 in]

Dimensions

Height	6.22 mm[.244 in]
Length	23.52 mm[.926 in]

Usage Conditions

Operating Temperature Range	-25 – 70 °C
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Carton
Packaging Quantity	100

Other

Comment	Soldering in "off" position only
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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: JAN 2022 (223) Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

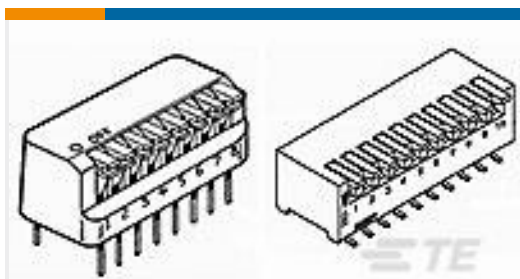
Solder Process Capability

Wave solder capable to 265°C

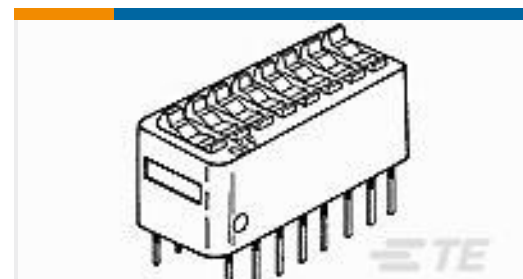
Product Compliance Disclaimer

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>

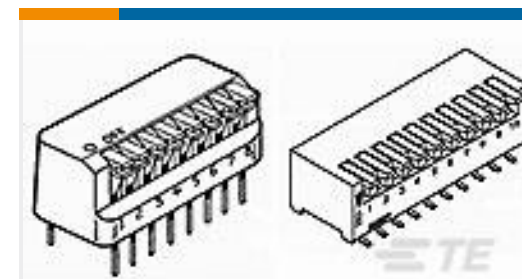
Compatible Parts



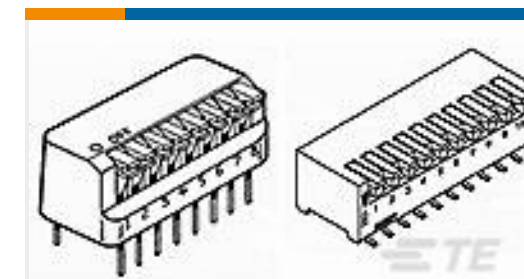
TE Part # 2-5435802-2
RIGHT ANGLE DIP SW 12 P SEALED



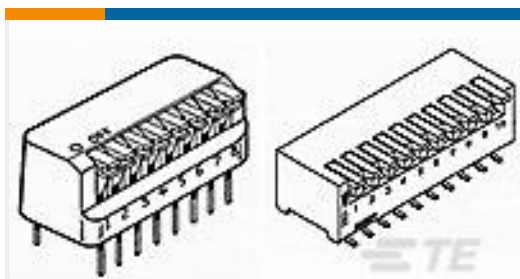
TE Part # 5435166-2
DIP SW ASSY-BLK SPST-4POS



TE Part # 435802-9
RIGHT ANGLE DIP SW 8 P SEALED



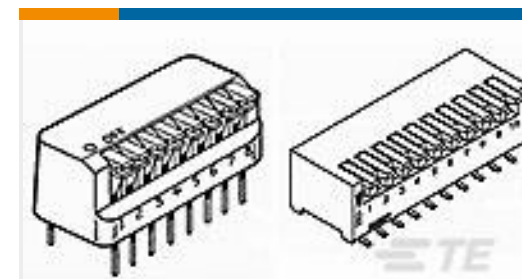
TE Part # 1-435802-5
RIGHT ANGLE DIP SW 4 P SEALED



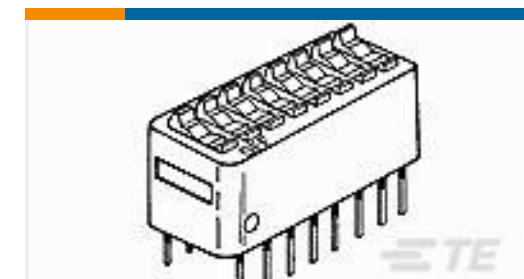
TE Part # 1-5435802-6
RIGHT ANGLE DIP SW 5 P SEALED



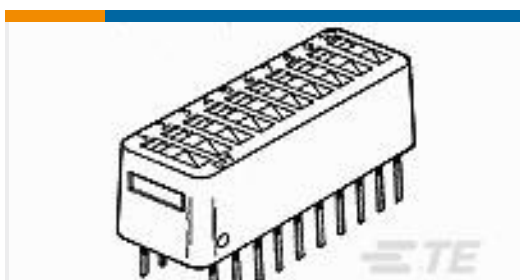
TE Part # 3-435470-1
DIP SW ASSY-BLK MPMT-4POS



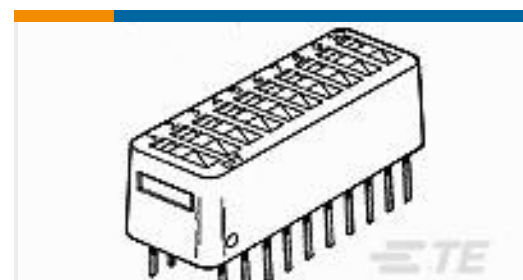
TE Part # 3-5435802-8
8P, RT ANGLE, DIP SW, TAPE SEAL



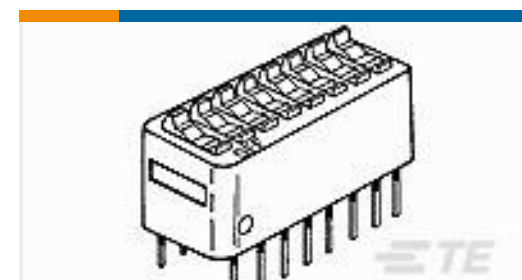
TE Part # 435166-2
DIP SW ASSY-BLK SPST-4POS



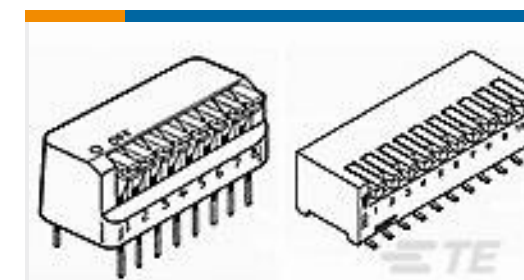
TE Part # 435626-5
LOW PROFILE DIP SW 8POSN AU



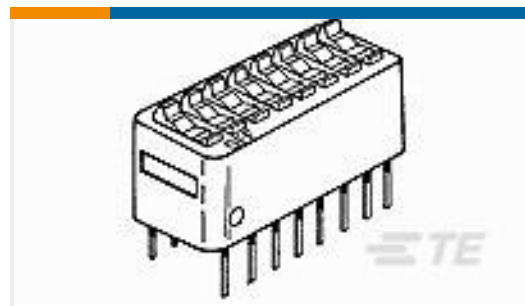
TE Part # 5-435626-2
LOW PROFILE DIP SW 5POSN AU



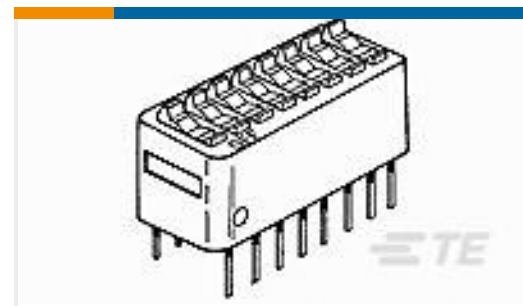
TE Part # 5-5435166-3
7000 DIP SW 8 POSN SEALED



TE Part # 1-5435802-0
RIGHT ANGLE DIP SW 2 POS AU



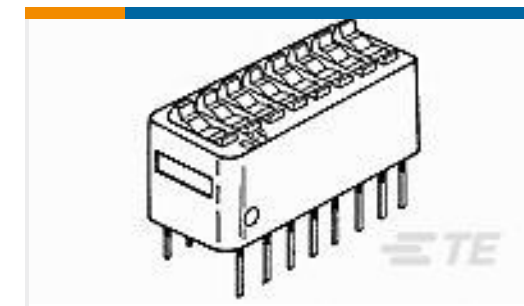
TE Part # 2-5435166-9
DIP SW ASSY-BLK SPST-2POS



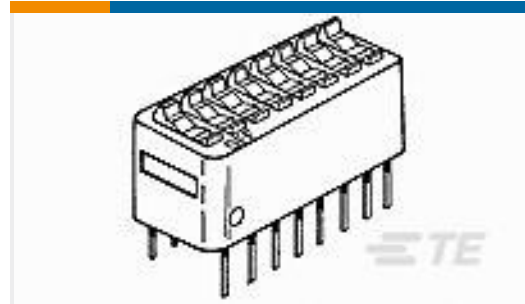
TE Part # 4-435166-9
7000 DIP SW 4 POSN SEALED



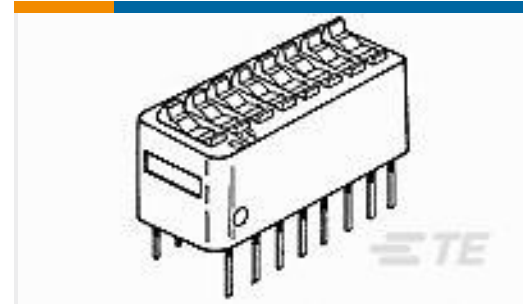
TE Part # 4-435626-2
DIP SW 8 POSN W/TAPE AU



TE Part # 4-5435166-9
7000 DIP SW 4 POSN SEALED



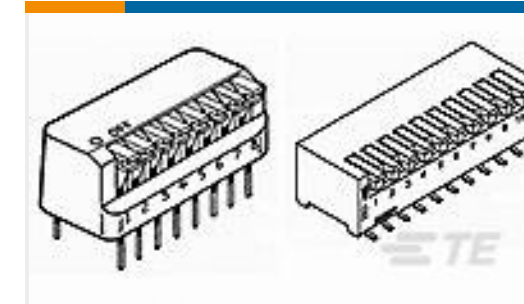
TE Part # 435166-7
DIP SW ASSY-BLK SPST-10POS



TE Part # 5-435166-3
7000 DIP SW 8 POSN SEALED

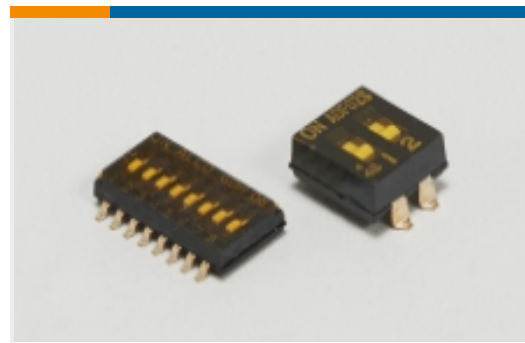


TE Part # 5-435626-5
LOW PROFILE DIP SW 8POSN AU



TE Part # 5435802-8
RIGHT ANGLE DIP SW 10P AU

Also in the Series | **Alcoswitch DIP**



DIP & SIP Switches(291)

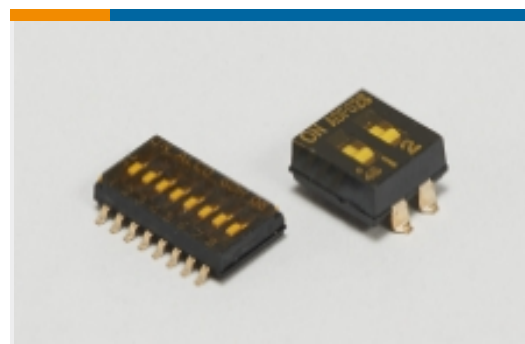


Rotary Switches(25)



Switch Seals & Accessories(1)

Also in the Series | **Alcoswitch SIP STV**



DIP & SIP Switches(4)

Customers Also Bought



Documents

Product Drawings

[STV08=8 POS SIP SWITCH](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1977104-4_B_c-1977104-4-b.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1977104-4_B_c-1977104-4-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1977104-4_B_c-1977104-4-b.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SWITCHES_CORE_PROGRAM_CATALOG](#)

English