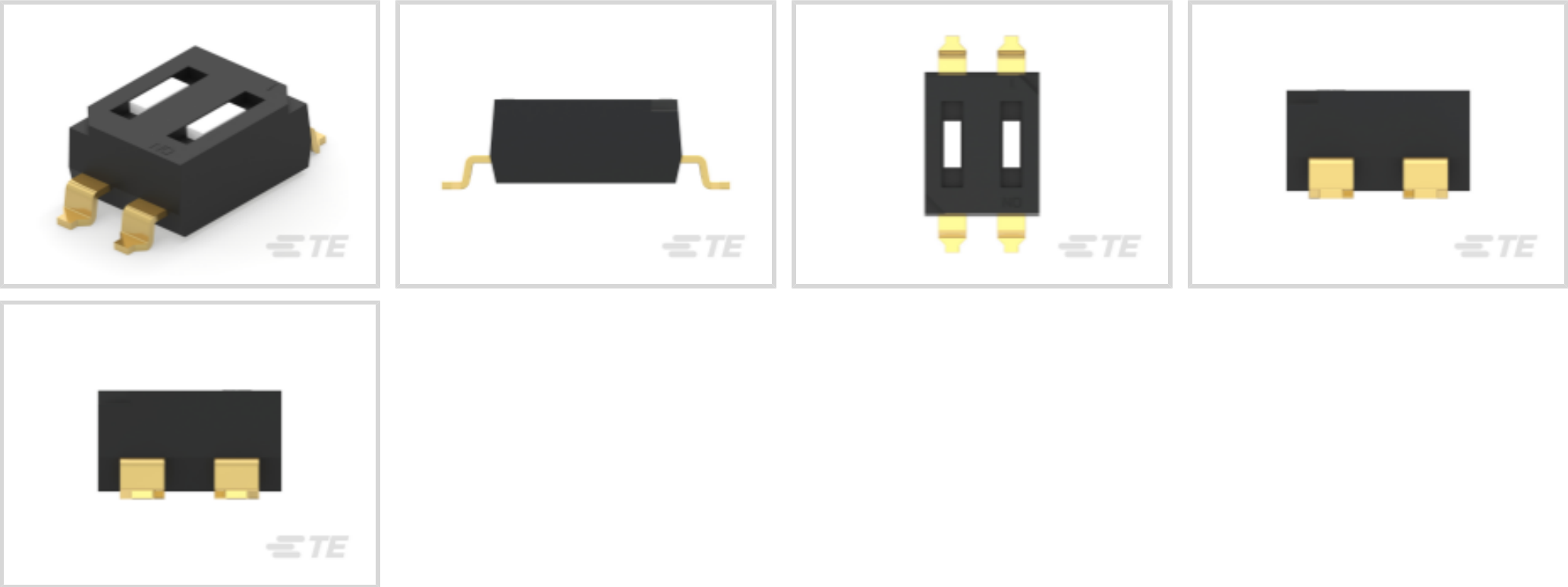




Switches > DIP & SIP Switches



DIP & SIP Switch Type: **DIP**  
Switch Contact Plating Material: **Gold**  
Case Color: **Black**  
Case Material: **Polyphenylene Sulfide (PPS)**  
Sealed Device: **Yes**

Features

Product Type Features

|                       |                |
|-----------------------|----------------|
| Leg Style             | Gull Wing      |
| DIP & SIP Switch Type | DIP            |
| Sealed Device         | Yes            |
| Actuator Style        | Slide Actuator |

Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| Number of Positions        | 2                          |
| Number of Switches         | 2                          |
| Configuration (Pole-Throw) | Single Pole - Single Throw |

Electrical Characteristics

|                        |        |
|------------------------|--------|
| Contact Current Rating | .1 A   |
| Operating Voltage      | 50 VDC |

Body Features

|                |              |
|----------------|--------------|
| Sealing Method | Sealing Tape |
| Actuator Color | White        |



|                     |                             |
|---------------------|-----------------------------|
| Product Orientation | Vertical                    |
| Case Color          | Black                       |
| Case Material       | Polyphenylene Sulfide (PPS) |

Contact Features

|                                               |              |
|-----------------------------------------------|--------------|
| Contact Underplating Material                 | Nickel       |
|                                               | 10 µin       |
| PCB Contact Termination Area Plating Material | Gold         |
| Switch Contact Plating Material               | Gold         |
| Contact Base Material                         | Copper Alloy |

Termination Features

|                                |                 |
|--------------------------------|-----------------|
| Termination Post & Tail Length | 4.3 mm[.169 in] |
| Termination Method to PCB      | Surface Mount   |

Housing Features

|                    |                |
|--------------------|----------------|
| Low Profile        | Yes            |
| Centerline (Pitch) | 2.54 mm[.1 in] |

Dimensions

|                |                  |
|----------------|------------------|
| Product Length | 4.93 mm[.194 in] |
| Product Height | 2.7 mm[.106 in]  |

Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -45 – 100 °C |
|-----------------------------|--------------|

Operation/Application

|                          |                       |
|--------------------------|-----------------------|
| Assembly Process Feature | Auto-Insert Packaging |
|--------------------------|-----------------------|

Industry Standards

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

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Tube |
| Packaging Quantity | 90   |

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  | Out of Scope |

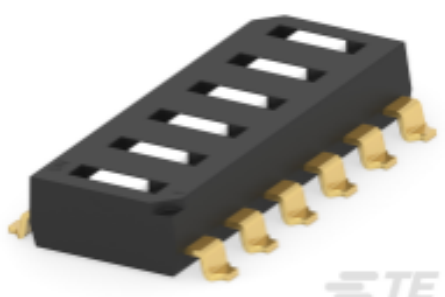
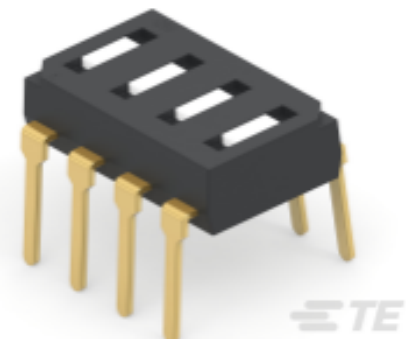
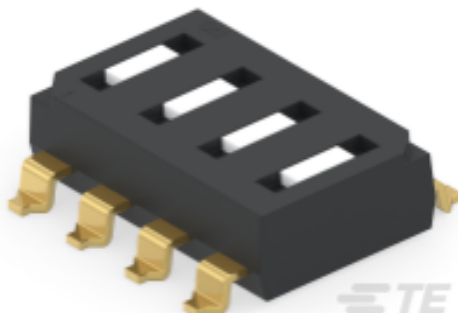
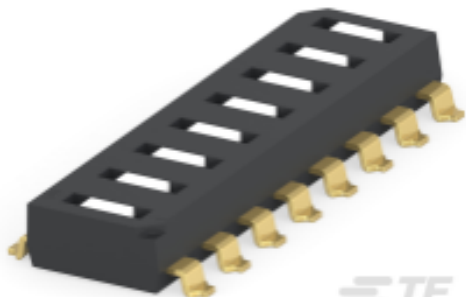
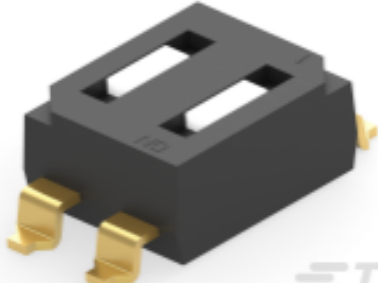
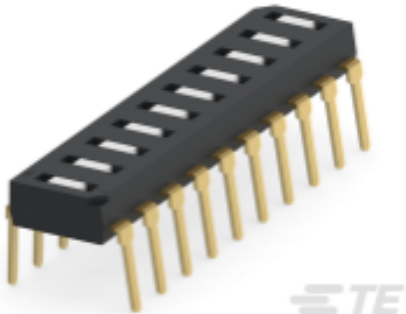
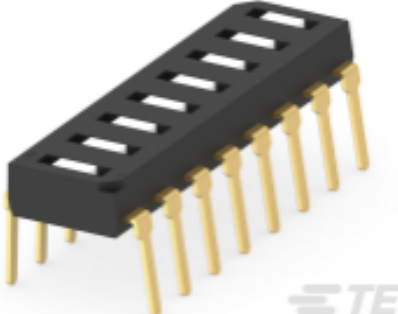


|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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 2025 (247)<br>Candidate List Declared Against: JAN 2022 (223)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |
| 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

|                                                                                                                                                     |                                                                                                                                                   |                                                                                                                                                     |                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1-1825006-2<br/>GDS06STR04=DIP SW,SLIDE,SMT,TR</p> |  <p>TE Part # 1-1825006-9<br/>GDS10S04=DIP SW,SLIDE,SMT</p>    |  <p>TE Part # 1825006-5<br/>GDS0404=DIP SW,SLIDE,THRU/HL</p>   |  <p>TE Part # 1825006-8<br/>GDS04STR04=DIP SW,SLIDE,SMT,TR</p> |
|  <p>TE Part # 1-1825006-6<br/>GDS08STR04=DIP SW,SLIDE,SMT,TR</p> |  <p>TE Part # 1825006-4<br/>GDS02STR04=DIP SW,SLIDE,SMT,TR</p> |  <p>TE Part # 1-1825006-7<br/>GDS1004=DIP SW,SLIDE,THRU/HL</p> |  <p>TE Part # 1-1825006-3<br/>GDS0804=DIP SW,SLIDE,THRU/HL</p> |





TE Part # 1-1825006-1  
GDS06S04=DIP SW,SLIDE,SMT

TE Part # 1825006-7  
GDS04S04=DIP SW,SLIDE,SMT

TE Part # 1825006-9  
GDS0604=DIP SW,SLIDE,THRU/HL

TE Part # 1825006-1  
GDS0204=DIP SW,SLIDE,THRU/HL

TE Part # 1-1825006-5  
GDS08S04=DIP SW,SLIDE,SMT

Also in the Series | [Alcoswitch DIP GDS](#)

DIP & SIP Switches(160)

Also in the Series | [Alcoswitch DIP](#)

DIP & SIP Switches(160)

Rotary Switches(16)

Customers Also Bought





TE Part #2-1879132-0  
RN 0402 15K 0.1% 10PPM 1K RL



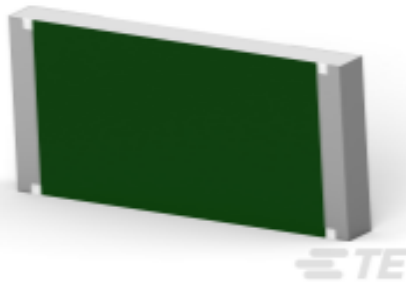
TE Part #083502-E  
CODEZT STVCM COLS \* 172  
CODIERLEISTE M 2



TE Part #1622578-1  
LR1 1% 82K



TE Part #926681-1  
UNIV.M-N-L.CAP HSG.



TE Part #8-2176403-5  
3550 3K3 1%



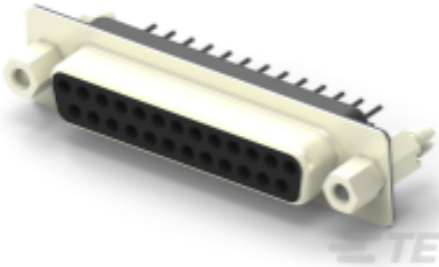
TE Part #8-188275-8  
MICRO-MATCH SMD FTE



TE Part #3-1879338-2  
CPF 0603 56K2 1% 50PPM 1K RL



TE Part #1-1735446-4  
2MM PITCH HPI POST HEADER,  
VERTICAL, 14P



TE Part #2301841-2  
AMPL REC HD20, VERT, 25P, B/L,4-40  
S/LOC



TE Part #9-1879208-7  
CPF 0402 100K 0.1% 25PPM 1K RL

Documents

Product Drawings

GDS02S04=DIP SW,SLIDE,SMT

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1825006-3\_O.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1825006-3\_O.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1825006-3\_O.3d\_stp.zip

English

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

Datasheets & Catalog Pages

1825006-3

DIP Switch, Gold Contact Plating, Black, Polyphenylene Sulfide (PPS), Sealed, 2 Switch, -45 – 100 °C, Slide Actuator, Alcoswitch DIP



SWITCHES\_CORE\_PROGRAM\_CATALOG

English