



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        | Recessed Rocker |

Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| Number of Positions        | 6                          |
| Number of Switches         | 6                          |
| Configuration (Pole-Throw) | Single Pole - Single Throw |

Electrical Characteristics

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

Body Features

|                |                             |
|----------------|-----------------------------|
| Sealing Method | Sealing Tape                |
| Case Color     | Black                       |
| Case Material  | Polyphenylene Sulfide (PPS) |

Contact Features

|   |        |
|---|--------|
| Contact Underplating Material                 | Nickel |
| PCB Contact Termination Area Plating Material | Gold   |



|                                 |              |
|---------------------------------|--------------|
| Switch Contact Plating Material | Gold         |
| Contact Base Material           | Copper Alloy |

Termination Features

|                           |               |
|---------------------------|---------------|
| Termination Method to PCB | Surface Mount |
|---------------------------|---------------|

Housing Features

|                    |                 |
|--------------------|-----------------|
| Low Profile        | Yes             |
| Centerline (Pitch) | 1.27 mm[.05 in] |

Dimensions

|                |                  |
|----------------|------------------|
| Product Length | 8.74 mm[.344 in] |
| Product Height | 2.21 mm[.087 in] |

Usage Conditions

|                             |             |
|-----------------------------|-------------|
| Operating Temperature Range | -30 – 85 °C |
|-----------------------------|-------------|

Industry Standards

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

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Tube |
| Packaging Quantity | 50   |

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 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.  |
| Solder Process Capability                     | Reflow solder capable to 260°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 # 1-1571983-1  
GDH08STR04=DIP SWITCH



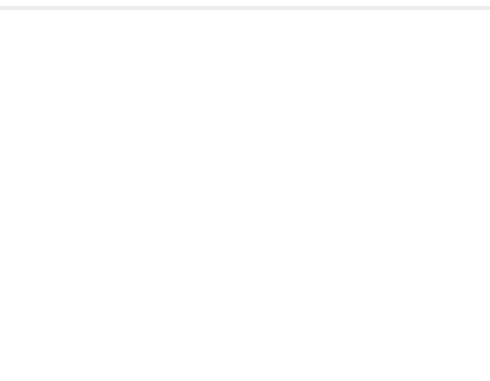
TE Part # 1977830-1  
DIP SWITCH GDH02SA04



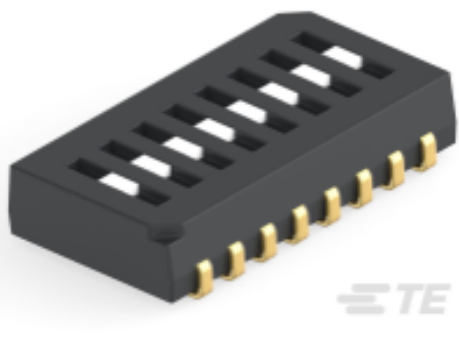
TE Part # 1571983-4  
GDH04S04=DIP SWITCH



TE Part # 1571983-5  
GDH04STR04=DIP SWITCH

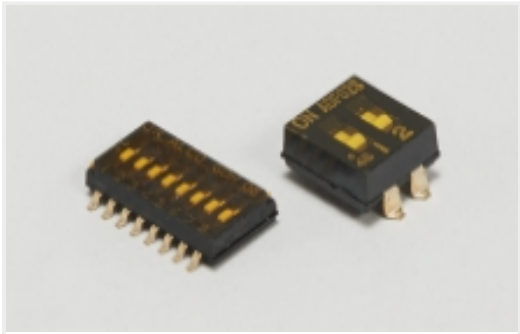


TE Part # 1-1571983-7  
GDH06STR0N04



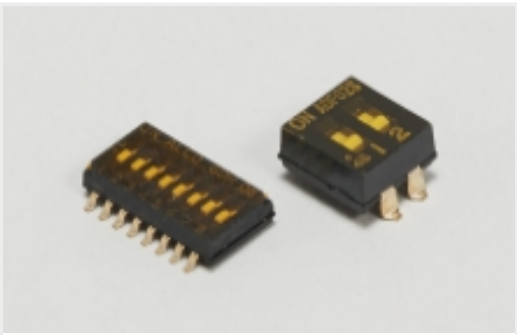
TE Part # 1977830-4  
DIP SWITCH GDH08SA04

Also in the Series | Alcoswitch DIP GDH



DIP & SIP Switches(160)

Also in the Series | Alcoswitch DIP

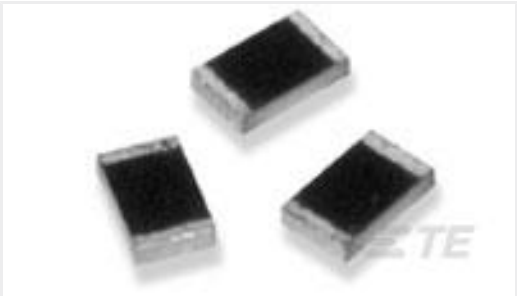


DIP & SIP Switches(160)



Rotary Switches(16)

Customers Also Bought



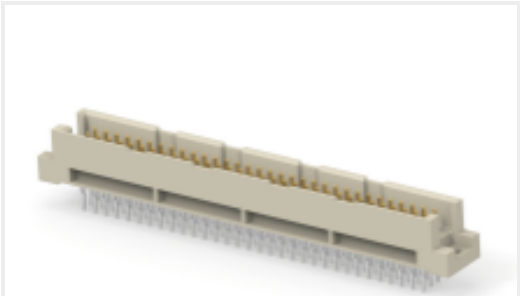
TE Part #7-1879280-0  
RP 2A 243K 0.1% 15PPM CUT LENGTH



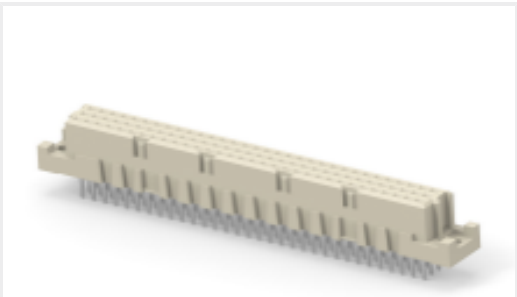
TE Part #1SNG607006R0000  
EP-LN-M16-BL-A



TE Part #T41513C9L25-002  
RPC-M12L-5FS-1.0-PUR 16AWG GY



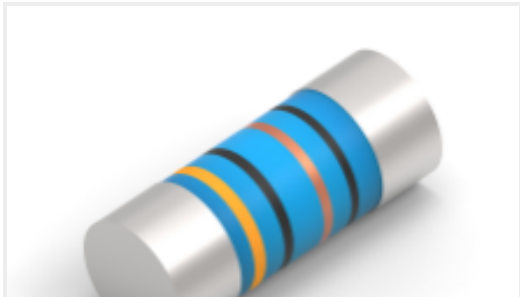
TE Part #234712-E  
STVR 96 MI ABC VVV 4-00 EE 6,0 \* 247 E00



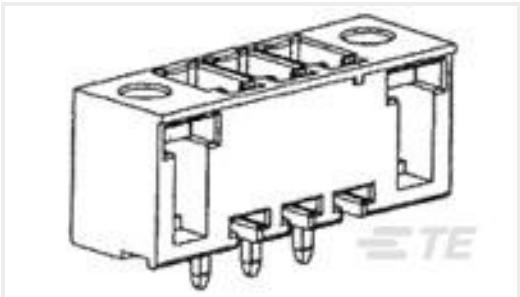
TE Part #224408-E  
STVC 96 F ABC VVV 7-00 EE 5,5 \* 247 E007



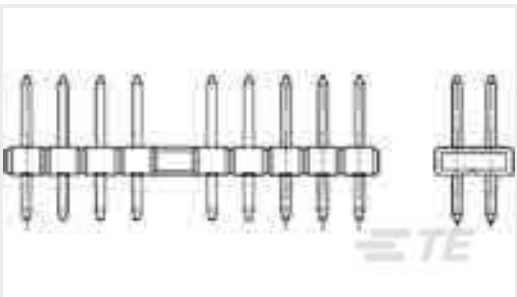
TE Part #1513504-1  
100930LF MOLDED STAMPED ANTENNA



TE Part #4-2176316-0  
MELF SMA\_A 150R 1% 50PPM 0207 1W



TE Part #796864-2  
2 POS TERMI-BLOK HDR RT ANGLE



TE Part #5-5176264-8  
06 AMPMODU 2MM DR VERT MNT LF



TE Part #6-1879337-3  
CPF 0603 11K 1% 50PPM 1K RL

Documents

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1571983-8\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_1571983-8\_B.3d\_igs.zip



English

Customer View Model

[ENG\\_CVM\\_1571983-8\\_B.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1571983-8\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1571983-8\\_C.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1571983-8\\_C.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

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

Datasheets & Catalog Pages

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

English