



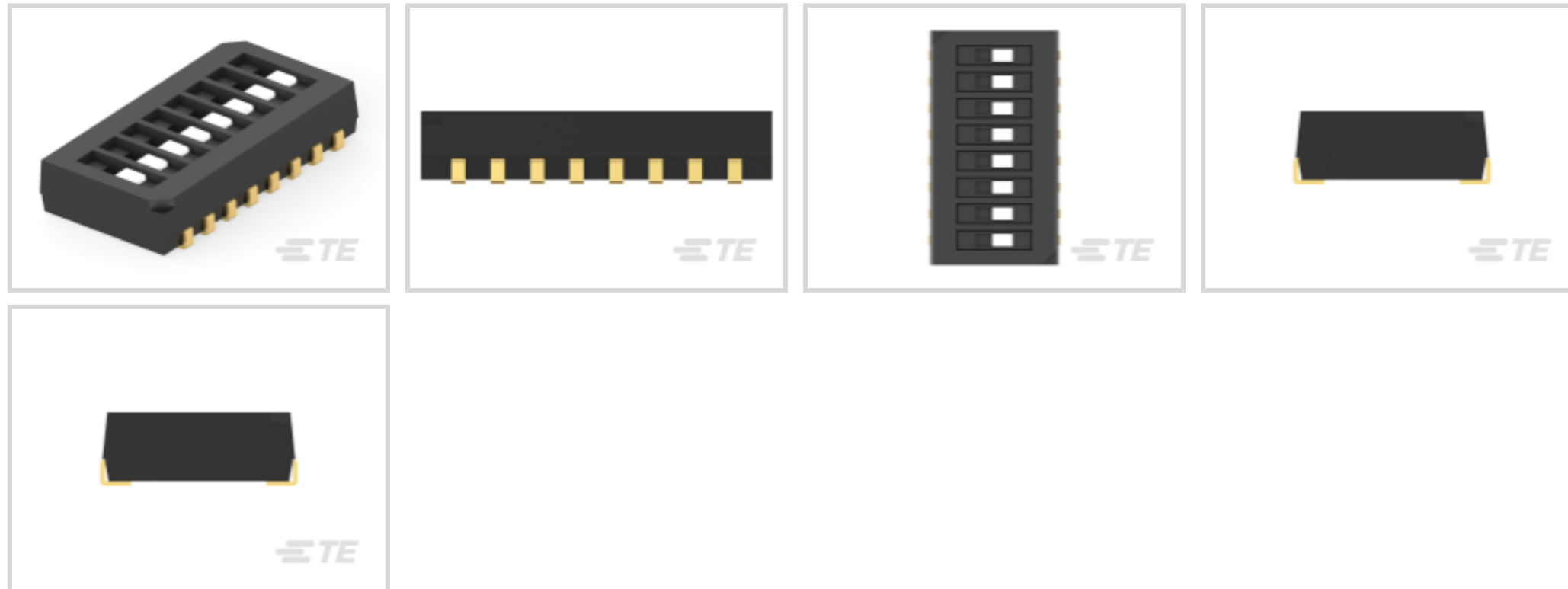
Alcoswitch | Alcoswitch DIP, Alcoswitch DIP GDH

TE Internal #: 1977831-4

DIP Switch, Gold Contact Plating, Black, Polyphenylene Sulfide (PPS), Sealed, 8 Switch, -30 – 85 °C, Recessed Rocker, Alcoswitch DIP

[View on TE.com >](#)

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

Industry Standards

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

Dimensions

| | |
|----------------|-------------------|
| Product Length | 11.29 mm[.444 in] |
| Product Height | 2.2 mm[.093 in] |

Packaging Features

| | |
|--------------------|-------------|
| Packaging Method | Tape & Reel |
| Packaging Quantity | 2000 |

Housing Features

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

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 8 |
| Number of Switches | 8 |



| | |
|----------------------------|----------------------------|
| Configuration (Pole-Throw) | Single Pole - Single Throw |
|----------------------------|----------------------------|

Body Features

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

Product Type Features

| | |
|-----------------------|-----------------|
| DIP & SIP Switch Type | DIP |
| Sealed Device | Yes |
| Actuator Style | Recessed Rocker |

Usage Conditions

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

Electrical Characteristics

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

Termination Features

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

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

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: JUNE 2024 (241)
 Candidate List Declared Against: JUNE 2024 (241)
 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 Not reviewed for solder process capability

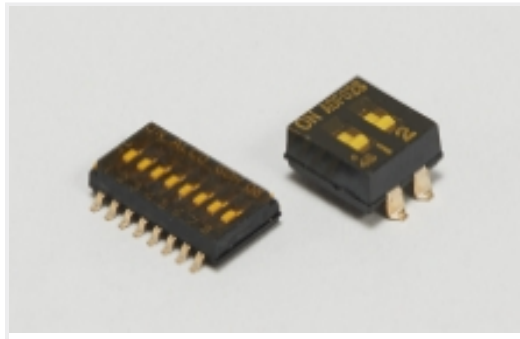
Product Compliance Disclaimer

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

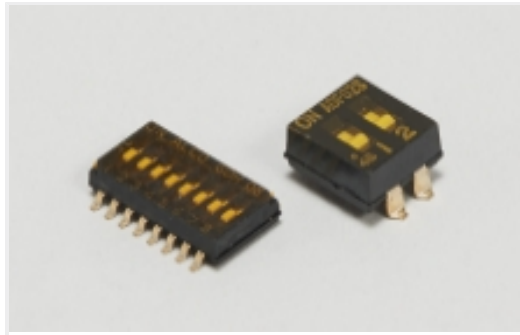


Also in the Series | [Alcoswitch DIP GDH](#)



DIP & SIP Switches(160)

Also in the Series | Alcoswitch DIP



DIP & SIP Switches(160)



Rotary Switches(16)

Customers Also Bought



TE Part #1775134-1
MOD JACK, RJ45, SINGLE, 6u* Au



TE Part #5-146285-4
04 MODII HDR SRST B/A .100CL



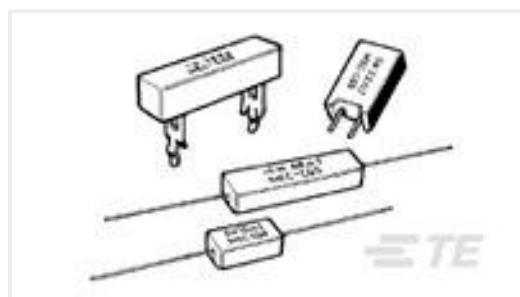
TE Part #2305974-1
2-PORT MATENET FRAME,UJP, COD A



TE Part #5-1419136-2
RY613005



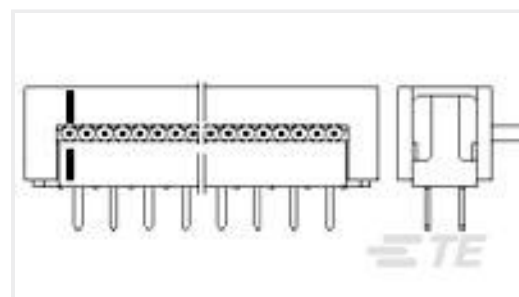
TE Part #1761465-1
PCI Express RA assy 5.8mm slot 2.3 mm pc



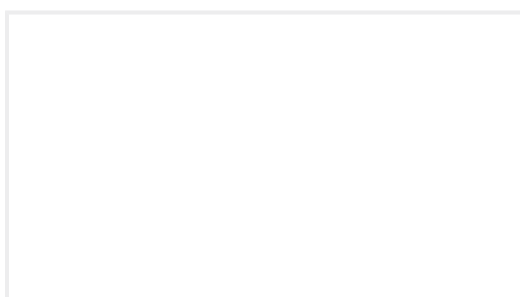
TE Part #6-1623795-8
SQP10 390R 5% WIRE



TE Part #5-534267-5
08 MODIV VRT DR DE 100/125



TE Part #2-216791-6
26P LATCH DIL-STECK



TE Part #1571102-3
PRCDA1-20F-BB0CW,POWER ROCKER



TE Part #5-146255-8
16 MODII HDR DRST B/A .100 LF



Documents

Product Drawings

[DIP SWITCH GDH08SATR04](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1977831-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1977831-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1977831-4_A.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