

1825140-2 ✓ ACTIVE

Alcoswitch | Alcoswitch DIP, Alcoswitch DIP MGD LP

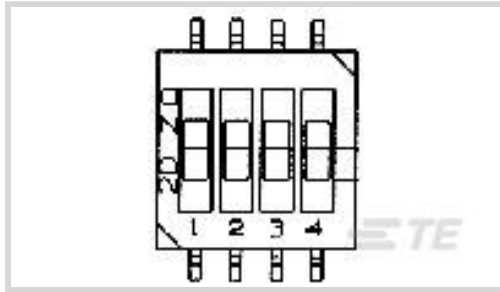
TE Internal #: 1825140-2

DIP Switch, Gold Contact Plating, Black, Polyphenylene Sulfide (PPS), 4 Switch, -30 – 85 °C, Slide Actuator, .1 A Contact Rating, 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: **No**

## Features

### Industry Standards

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

### Dimensions

|                |                 |
|----------------|-----------------|
| Product Length | 6.2 mm[.244 in] |
| Product Height | 1.7 mm[.067 in] |

### Packaging Features

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

### Housing Features

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

### Body Features

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

### Product Type Features

|                       |                |
|-----------------------|----------------|
| DIP & SIP Switch Type | DIP            |
| Sealed Device         | No             |
| Actuator Style        | Slide Actuator |

### Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| Number of Switches         | 4                          |
| Configuration (Pole-Throw) | Single Pole - Single Throw |

### 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |

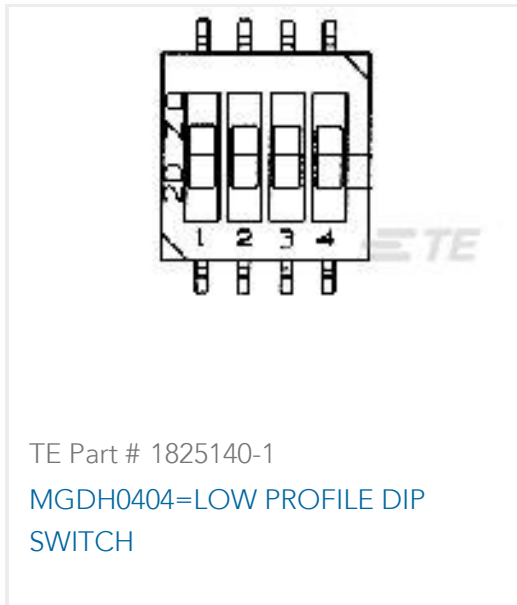
Solder Process Capability

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>

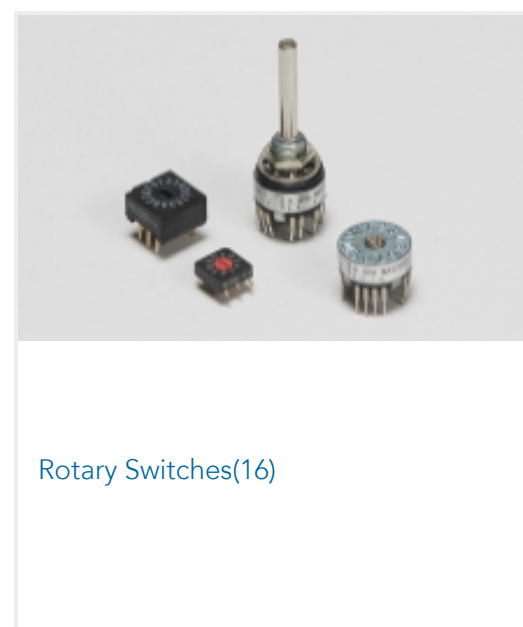
### Compatible Parts



### Also in the Series | Alcoswitch DIP MGD LP



### Also in the Series | Alcoswitch DIP



### Customers Also Bought



## Documents

### Product Drawings

[MGDH04STR04=1/2 PITCH LOW P DIP T&R](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1825140-2\\_O1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1825140-2\\_O1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1825140-2\\_O1.3d\\_igs.zip](#)

English

### 3D PDF

3D

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