

1825002-7 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch DIP ADF](#), [Alcoswitch DIP](#)

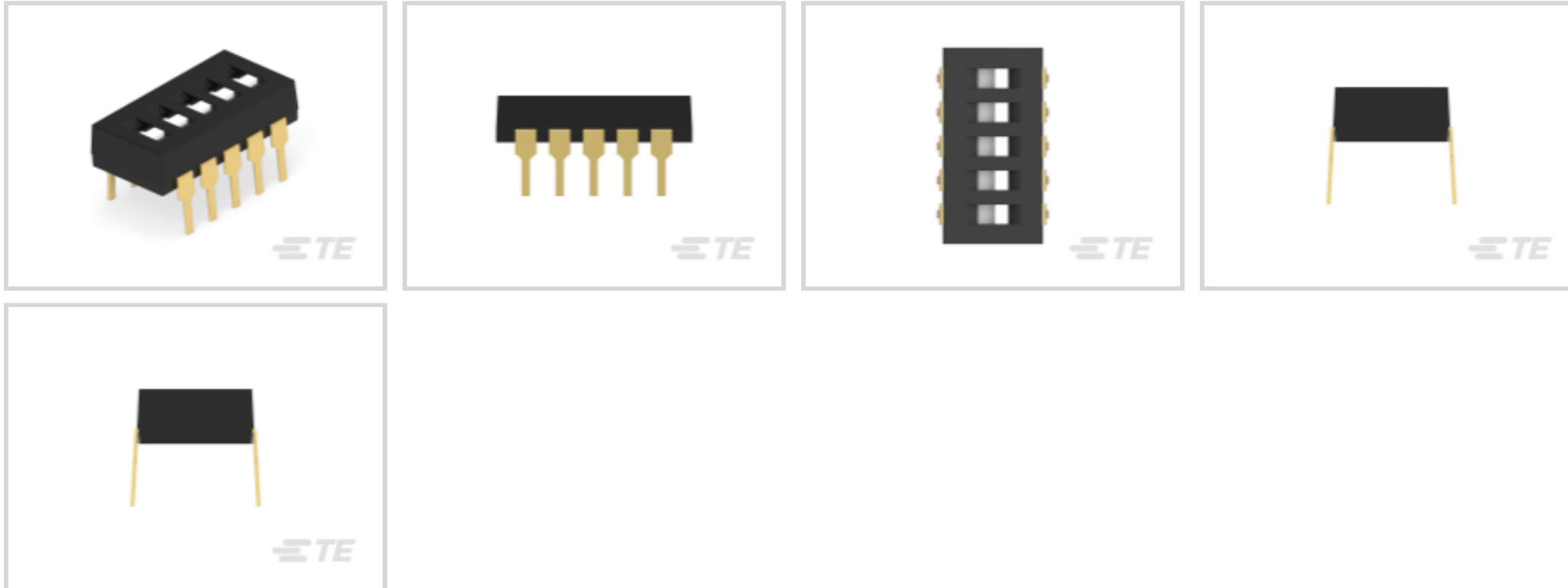
TE Internal #: 1825002-7

DIP Switch, Gold Flash Contact Plating, Black, Polyphenylene Sulfide (PPS), 5 Switch, -30 – 85 °C, Flush Actuator / Slide Actuator, Alcoswitch DIP

[View on TE.com >](#)



Switches > DIP & SIP Switches



DIP & SIP Switch Type: **DIP**

Switch Contact Plating Material: **Gold Flash**

Case Color: **Black**

Case Material: **Polyphenylene Sulfide (PPS)**

Sealed Device: **No**

## Features

### Operation/Application

Assembly Process Feature	Auto-Insert Packaging
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Dimensions

Product Length	14.7 mm[.577 in]
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Product Height	4 mm[.138 in]
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### Packaging Features

Packaging Method	Tube
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Packaging Quantity	30
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### Termination Features

Termination Post & Tail Length	4 mm[.157 in]
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Termination Method to PCB	Through Hole - Solder
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### Configuration Features

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Number of Positions	5
Number of Switches	5
Configuration (Pole-Throw)	Single Pole - Single Throw

### Body Features

Actuator Color	White
Product Orientation	Vertical
Case Color	Black
Case Material	Polyphenylene Sulfide (PPS)

### Contact Features

Contact Underplating Material	Nickel
	1.2 μin
PCB Contact Termination Area Plating Material	Gold
Switch Contact Plating Material	Gold Flash
Contact Base Material	Copper Alloy

### Product Type Features

DIP & SIP Switch Type	DIP
Sealed Device	No
Actuator Style	Flush Actuator, Slide Actuator

### Usage Conditions

Operating Temperature Range	-30 – 85 °C
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### Electrical Characteristics

Contact Current Rating	1 A
Operating Voltage	5 VDC

### Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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### 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
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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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

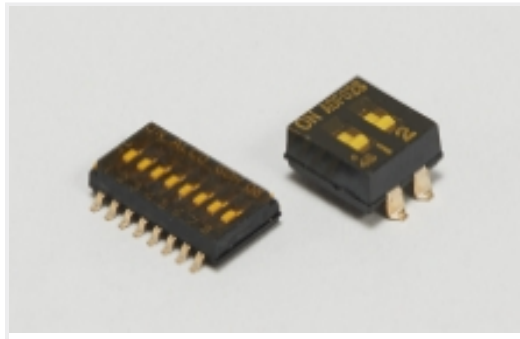
Product Compliance Disclaimer

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

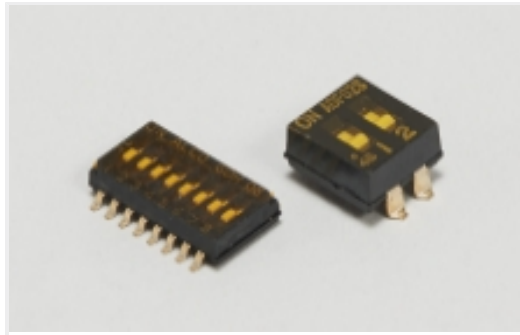


Also in the Series | [Alcoswitch DIP ADF](#)



DIP & SIP Switches(160)

### Also in the Series | Alcoswitch DIP



DIP & SIP Switches(160)

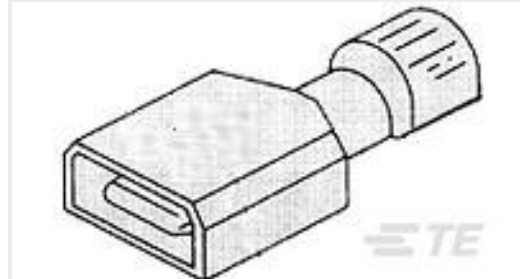


Rotary Switches(16)

### Customers Also Bought



TE Part #1062-20-0222  
SOC, SF, SIZE 20, 16-22, NI/NI



TE Part #2-520103-2  
ULTRA-FAST 250 ASSEMBLY TAB 22-18 AWG BR



TE Part #8-1879350-3  
RR01 5% 560R AMMO



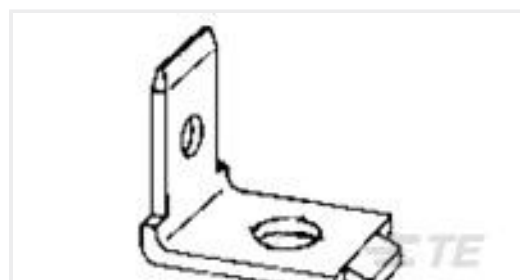
TE Part #140759  
250 FASTON,TAB,TPBR



TE Part #DTM06-3S  
PLG, 3P, GRY, N



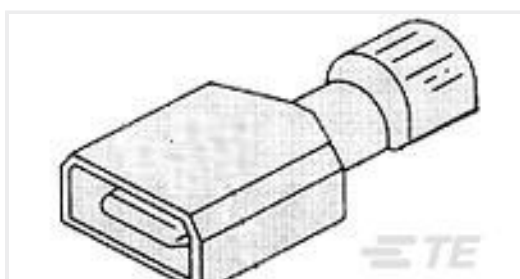
TE Part #WM-3S  
WEDGE LOCK, 3P, PLG, ORG, DTM



TE Part #170001-3  
187 FASTON,TAB,TPBR



TE Part #1-480319-0  
02P CMNL CAP HSG NATL



TE Part #2-520102-2  
ULTRA-FAST 250 ASSEMBLY TAB 22-18 AWG BR



TE Part #60618-1  
CMNL PIN PTPBR L/P



## Documents

### Product Drawings

[ADF0504=DIP SWT,FLUSH,THRU/HL](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1825002-7\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1825002-7\\_B.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1825002-7\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

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

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### Datasheets & Catalog Pages

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

English

[ADE\\_ADP\\_ADF\\_Datasheet](#)

English