

1825140-2 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch DIP](#), [Alcoswitch DIP MGD LP](#)

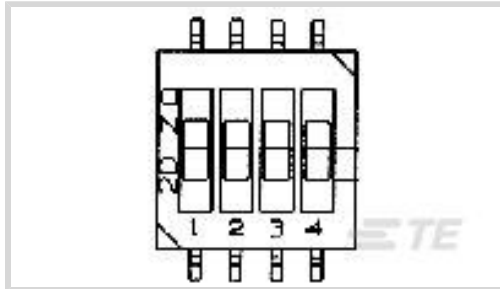
TE Internal #: 1825140-2

DIP & SIP Switches, Switch, Gold, Black Housing, Polyphenylene Sulfide (PPS), 4 Switch, -30 – 85 °C, DIP, Slide Actuator Style, .1 A, Alcoswitch DIP

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > DIP & SIP Switches



DIP & SIP Switch Product Type: **Switch**

DIP & SIP Switch Contact Mating Area Plating Material: **Gold**

DIP & SIP Switch Housing Color: **Black**

DIP & SIP Switch Housing Material: **Polyphenylene Sulfide (PPS)**

Auto-Insertable: **No**

Features

Product Type Features

DIP & SIP Switch Product Type	Switch
Sealed DIP & SIP Switch	No
DIP & SIP Switch Type	DIP
Actuator Style	Slide

Configuration Features

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

Electrical Characteristics

DIP & SIP Switch Voltage Rating	50 VDC
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Body Features

Seal Type	Tape
Actuator Color	White

Contact Features

	10 µin
Solder Tail Contact Plating	Gold over Nickel
DIP & SIP Switch Contact Mating Area Plating Material	Gold
Auto-Insertable	No
DIP & SIP Switch Contact Current Rating	.1 A



Contact Base Material	Copper Alloy
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Mechanical Attachment

DIP & SIP Switch Mounting Type	Surface Mount
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Housing Features

Low Profile	Yes
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DIP & SIP Switch Housing Color	Black
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DIP & SIP Switch Housing Material	Polyphenylene Sulfide (PPS)
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DIP & SIP Switch Centerline	1.27 mm[.05 in]
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Dimensions

Length	6.2 mm[.244 in]
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Height	1.7 mm[.067 in]
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Usage Conditions

Operating Temperature Range	-30 – 85 °C
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tape & Reel
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Packaging Quantity	2000
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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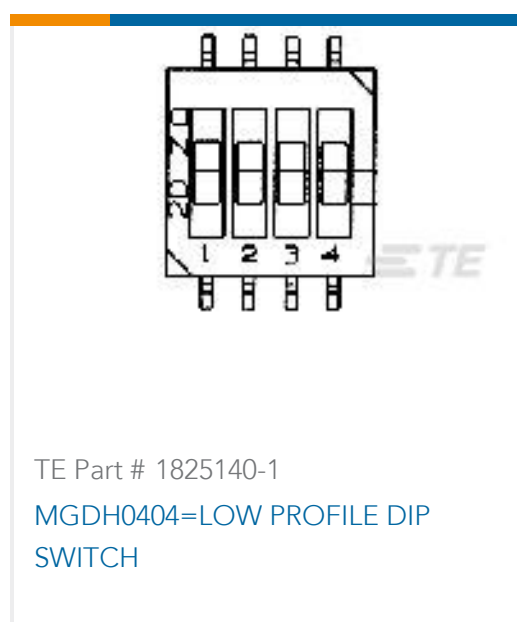
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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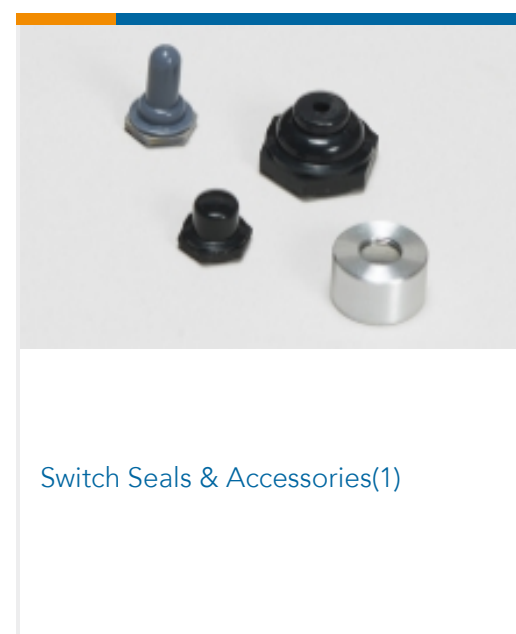
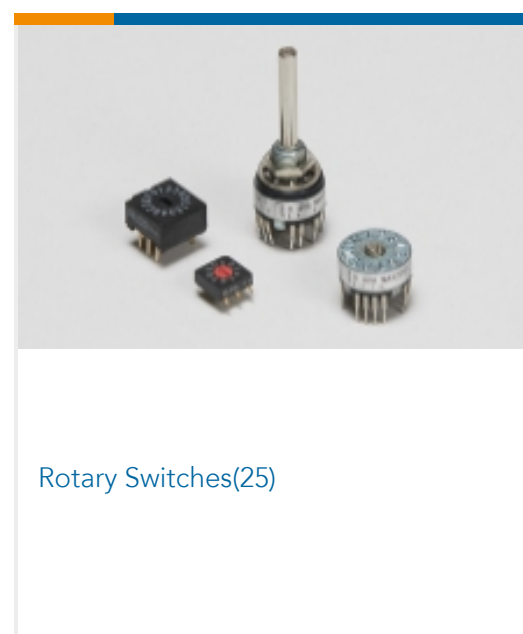
Solder Process Capability	Reflow solder capable to 260°C
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This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. 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>

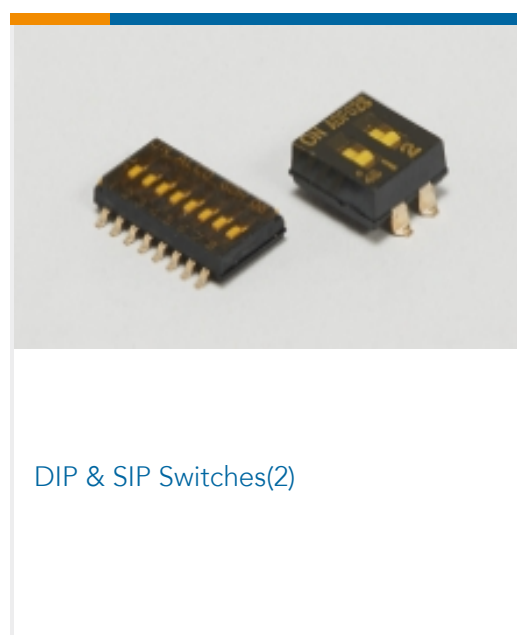
Compatible Parts



Also in the Series | Alcoswitch DIP



Also in the Series | Alcoswitch DIP MGD LP



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.

Product Environmental Compliance

[MD_1825140-2_06282016115_dmtec](#)

English

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English