

1825140-2 ✓ ACTIVE

Alcoswitch | Alcoswitch DIP, Alcoswitch DIP MGD LP

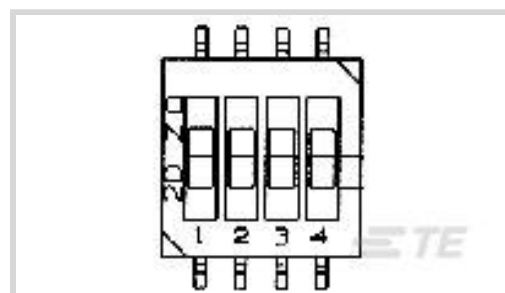
TE Internal #: 1825140-2

Alcoswitch DIP, DIP & SIP Switches, Switch, Gold, Black Housing Color, Polyphenylene Sulfide (PPS), 4 Switch, Operating Temperature Range -30 – 85 °C

[View on TE.com >](#)



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



Product Type: **Switch**

Contact Mating Area Plating Material: **Gold**

Housing Color: **Black**

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

Auto-Insertable: **No**

Features

Product Type Features

Product Type	Switch
Sealed	No
Switch Type	DIP
Actuator Style	Slide

Configuration Features

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

Electrical Characteristics

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
Contact Mating Area Plating Material	Gold
Auto-Insertable	No
Contact Current Rating	.1 A



Contact Base Material	Copper Alloy
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Mechanical Attachment

Mounting Type	Surface Mount
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Housing Features

Low Profile	Yes
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Housing Color	Black
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Housing Material	Polyphenylene Sulfide (PPS)
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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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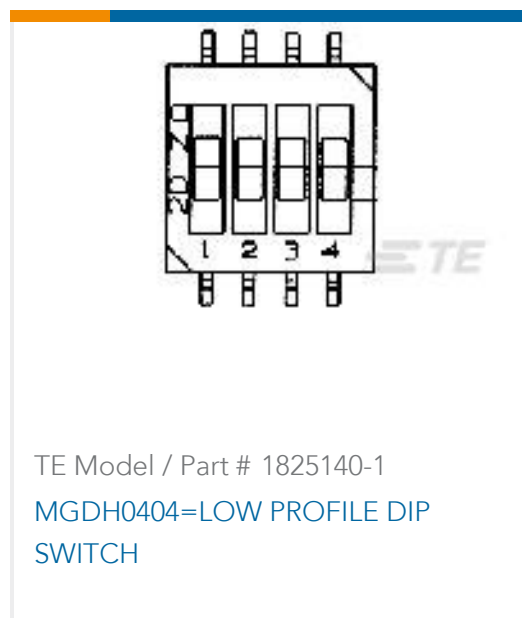
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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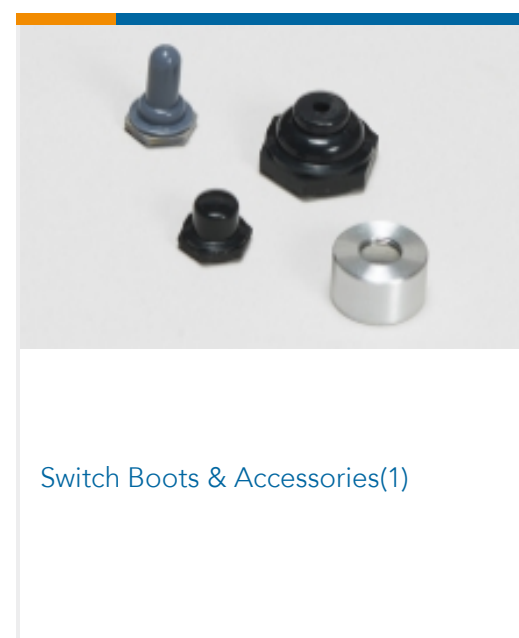
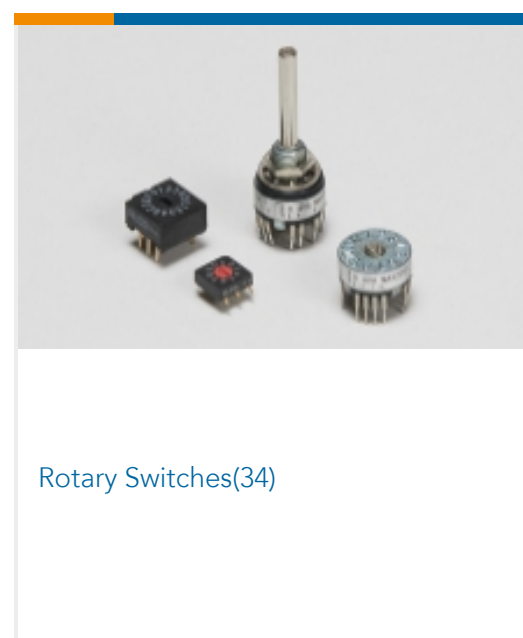
Solder Process Capability	Reflow solder capable to 260°C
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This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. 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>

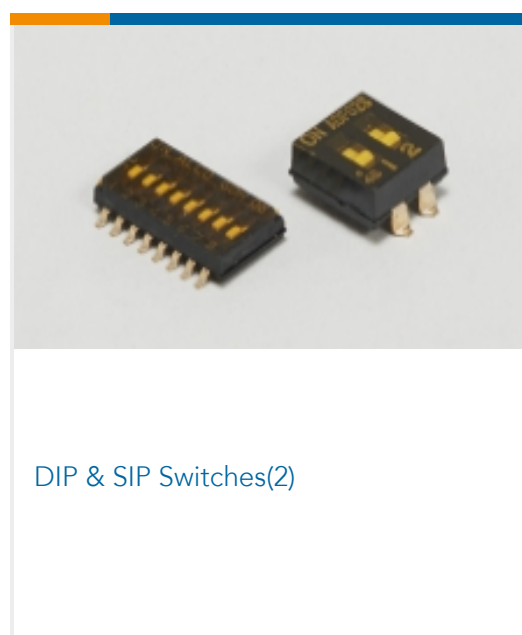
Compatible Parts



Also in the Series | Alcoswitch DIP



Also in the Series | Alcoswitch DIP MGD LP



Customers Also Bought



TE Model / Part #1735284-1
SATA BACKPLANE RECEPTACLE,
VERTICAL, SMT



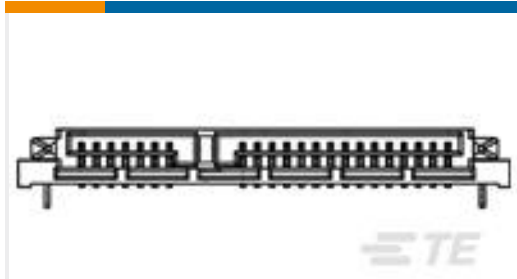
TE Model / Part #1-1827654-1
2mm pitch Battery Plug Assy. 7Pos.
H=4.0



TE Model / Part #6339168-1
ASSY,SHLD,2X4,STK MJ,WAVE PNL



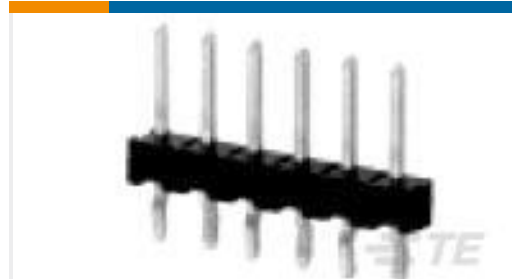
TE Model / Part #1747786-1
PACKING,REC. ASSY. 8POS. 2MM
PITCH BATTE



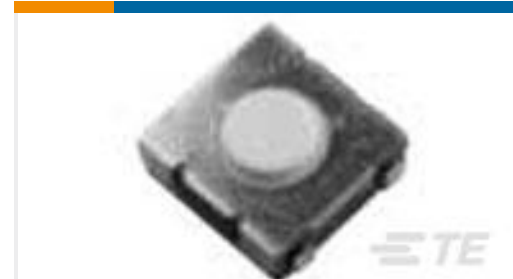
TE Model / Part #2023246-2
ASS'Y SATA REC. R/A SMT TYPE 3.45H



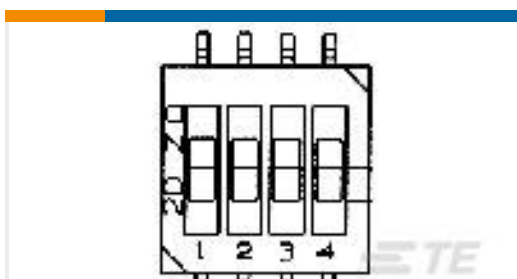
TE Model / Part #350425-1
06P CMNL HDR ASSY PC NATL



TE Model / Part #104346-2
04 MODII HDR SRST B/A W/HD



TE Model / Part #1571625-1
TACT,6X6,SMT,J-LEAD,50GF



TE Model / Part #1825140-1
MGDH0404=LOW PROFILE DIP
SWITCH

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1825140-2_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825140-2_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825140-2_O.3d_stp.zip](#)

English

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Product Environmental Compliance

1825140-2

Alcoswitch DIP, DIP & SIP Switches, Switch, Gold, Black Housing Color,
Polyphenylene Sulfide (PPS), 4 Switch, Operating Temperature Range -30 – 85 °C



[MD_1825140-2_06282016115_dmtec](#)

English

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English