



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	Yes
DIP & SIP Switch Type	DIP
Actuator Style	Recessed Rocker

Configuration Features

Number of Positions	8
Number of Switches	8
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

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

Dimensions

Length	11.29 mm[.444 in]
Height	2.2 mm[.093 in]

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	Box & Tube, Tube
Packaging Quantity	40

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: JAN 2021 (211) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

 TE Part # 1571983-1 GDH02S04=DIP SWITCH	 TE Part # 1-1571983-0 GDH08S04=DIP SWITCH	 TE Part # 1571983-5 GDH04STR04=DIP SWITCH	 TE Part # 1-1571983-1 GDH08STR04=DIP SWITCH
 TE Part # 1571983-3 GDH02STR04=DIP SWITCH	 TE Part # 1571983-4 GDH04S04=DIP SWITCH	 TE Part # 1977830-2 DIP SWITCH GDH04SA04	 TE Part # 1977830-3 DIP SWITCH GDH06SA04
 TE Part # 1571983-9 GDH06STR04=DIP SWITCH	 TE Part # 1-1571983-3 GDH10S04=DIP SWITCH	 TE Part # 1571983-8 GDH06S04=DIP SWITCH	 TE Part # 1-1571983-4 GDH10STR04=DIP SWITCH
 TE Part # 1977830-1 DIP SWITCH GDH02SA04	 TE Part # 1977831-1 DIP SWITCH GDH02SATR04	 TE Part # 1977831-2 DIP SWITCH GDH04SATR04	 TE Part # 1977831-3 DIP SWITCH GDH06SATR04



TE Part # 1977831-4
DIP SWITCH GDH08SATR04

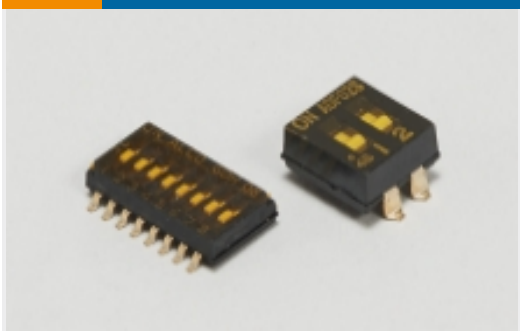


TE Part # 1977831-5
DIP SWITCH GDH10SATR04



TE Part # 1977830-5
DIP SWITCH GDH10SA04

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



[DIP & SIP Switches\(291\)](#)

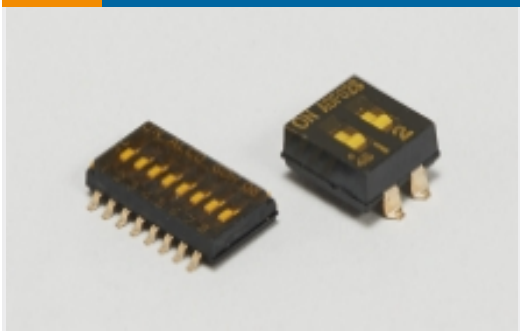


[Rotary Switches\(34\)](#)



[Switch Boots & Accessories\(1\)](#)

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



[DIP & SIP Switches\(22\)](#)

Customers Also Bought



TE Part #1-292173-5
AMP COMMON TERMINATION HEADERS



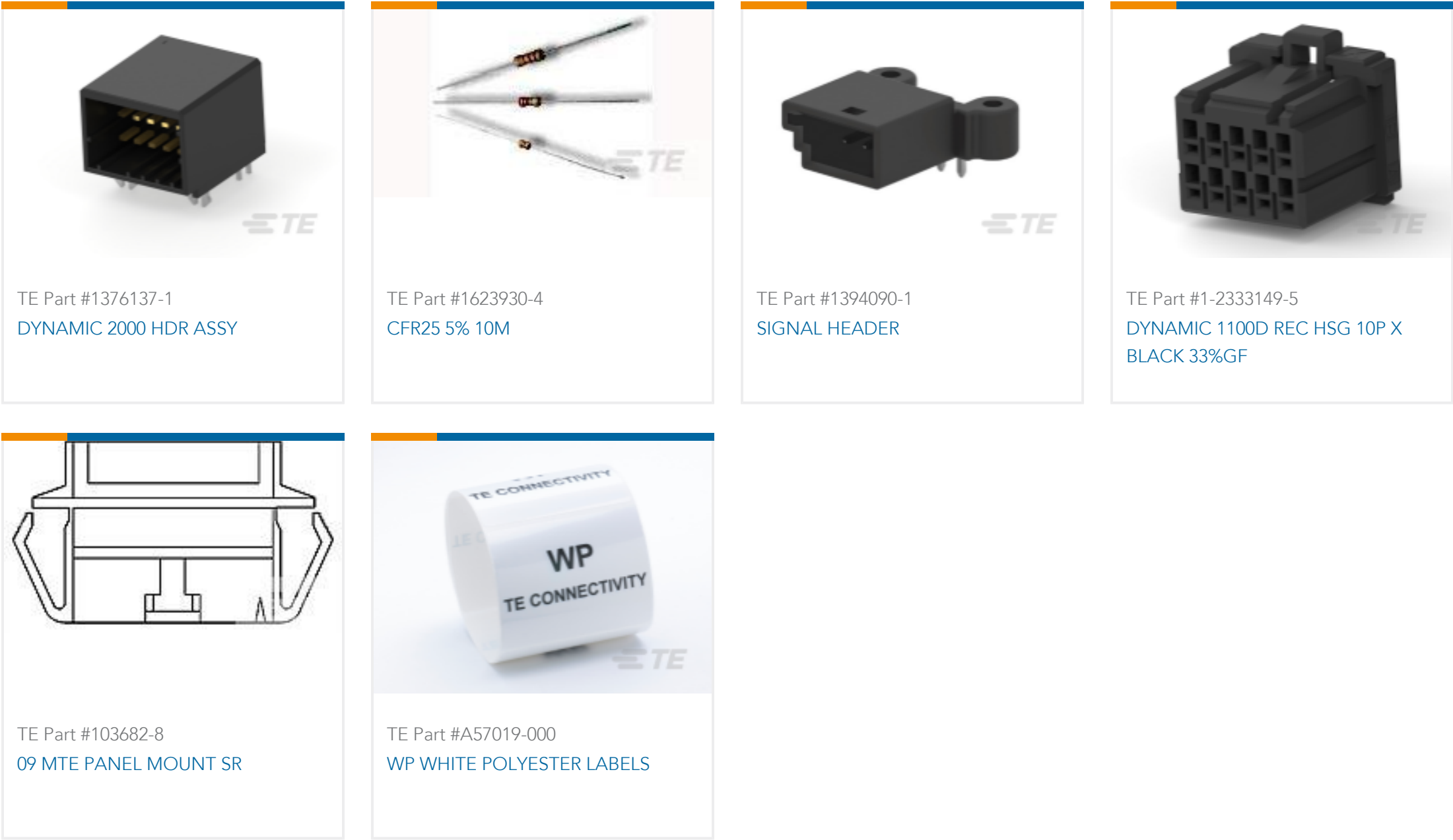
TE Part #1116503-2
MJ,10MM,8P,SHLD,NOPNL TABS,SN



TE Part #1-1614884-9
CPF 0805 12R 0.1% 25PPM 1K RL



TE Part #1-1625865-4
RP 2A 4R99 0.1% 15PPM 1K RL



Documents

Product Drawings
DIP SWITCH GDH08SA04

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1977830-4_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1977830-4_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1977830-4_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