

GDH Series, Half Pitch, Low Profile, SMT

DIP Switches

Features

- Bifurcated gold wiping contact system (gold to gold contact system)
- Tape seal standard, with corner notch
- Vacuum pick and place compatible
- Half pitch .050" terminal spacing
- Shipped in the OFF position, ON position on request



Typical performance characteristics

Contact configuration	SPST
Contact rating, non-switching	100 mA @ 50 VDC
Contact rating, switching	25 mA @ 24 VDC
Electrical life	1,000 cycles
Mechanical life	1,000 cycles
Contact resistance	max 100 mOhm
Insulation resistance	min 100 MOhm
Dielectric strength	300 VAC for 1 min
Actuation force	6 N (600 gf) max
Actuator travel	1.00 mm (.039) average

Environmental specification

Operating temperature	-35 to +85°C
Storage temperature	-45 to +100°C
Solder heat resistance	265°C/10s wave or 260°C/10s reflow

Material specifications

Contacts	copper alloy gold finish
Actuator	lcp
Terminals	copper alloy gold finish
Base	pps
Cover	pps
Tape seal	polyimide film
RoHS Directive 2002/95/EC	compliant

Product key		Typical product key		GDH	04	S	TR	04
Type	GDH Half pitch, low profile DIP switch							
Positions	02 2 positions	08 8 positions						
	04 4 positions	10 10 positions						
	06 6 positions							
Terminal	S surface mount - SMT							
Packaging	blank tube							
	TR tape & reel							
Sealing	blank tape seal							
	NTS no tape seal							
Material	04 RoHS compliant							

GDH Series, Half Pitch, Low Profile, SMT (Continued)

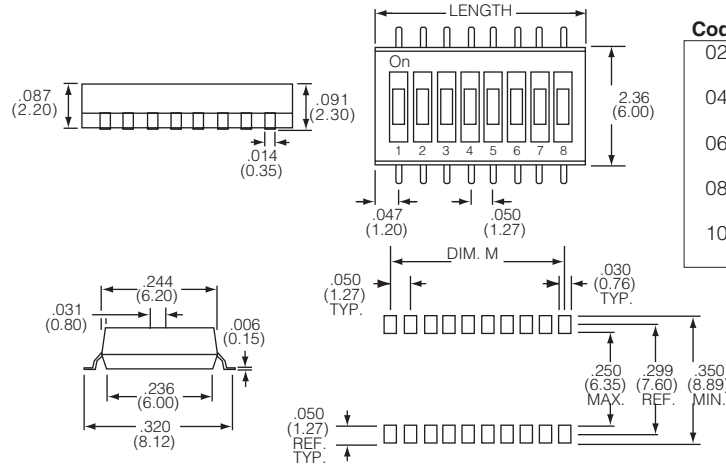
Positions



Codes 02, 04, 06, 08, 10 2, 4, 6, 8 and 10 positions



GDH0804



Code	Poles	Length	Dim M
02	2	3.66mm (.194)	1.27mm (.100)
04	4	6.20mm (.394)	3.81mm (.300)
06	6	8.75mm (.594)	6.35mm (.500)
08	8	11.29mm (.794)	8.89mm (.700)
10	10	13.82mm (.994)	11.43mm (.900)

Product key	Positions	Terminal	Packaging	Sealing	Material	Part Number
GDH02S04	2 positions	SMT	tube	with seal	RoHS compliant	1571983-1
GDH02STR04			tape & reel			1571983-3
GDH04S04	4 positions		tube			1571983-4
GDH04STR04			tape & reel			1571983-5
GDH04STRNTS04	6 positions			no seal		1571983-6
GDH06S04			tube	with seal		1571983-8
GDH06STR04	6 positions		tape & reel			1571983-9
GDH08S04			tube			
GDH08STR04	8 positions		tape & reel			
GDH08STRNTS04						no seal
GDH10S04	10 positions		tube	with seal		1-1571983-3
GDH10STR04			tape & reel	1-1571983-4		

Preferred parts in bold print