

GDH Series, Half Pitch, Low Profile, SMT

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)

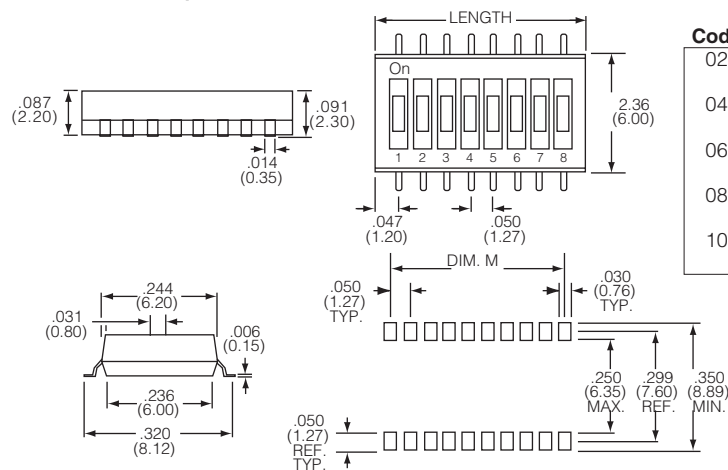
Positions



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				no seal		1571983-6
GDH06S04	6 positions		tube	with seal		1571983-8
GDH06STR04			tape & reel			1571983-9
GDH08S04	8 positions		tube			1-1571983-0
GDH08STR04			tape & reel			1-1571983-1
GDH08STRNTS04				no seal		1-1571983-2
GDH10S04	10 positions		tube	with seal		1-1571983-3
GDH10STR04			tape & reel			1-1571983-4

Preferred parts in bold print