

GDP Series, Piano Actuator, THT & SMT

DIP Switches

Features

- Bifurcated gold wiping contact system (gold to gold contact system)
- Available in pc and surface mount configuration
- Traditional tape seal standard
- 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	1.30 mm (.051) 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		GDP		04		S		TR		04	
Type	GDP DIP switch with piano actuator												
Positions	02 2 positions	04 4 positions	06 6 positions	08 8 positions	10 10 positions								
Terminal	blank through hole - THT												
	S surface mount - SMT												
Sealing	blank with tape seal												
	NTS no tape seal												
Packaging	blank tube												
	TR tape & reel												
Material	04 RoHS compliant												

GDP Series, Piano Actuator, THT & SMT (Continued)

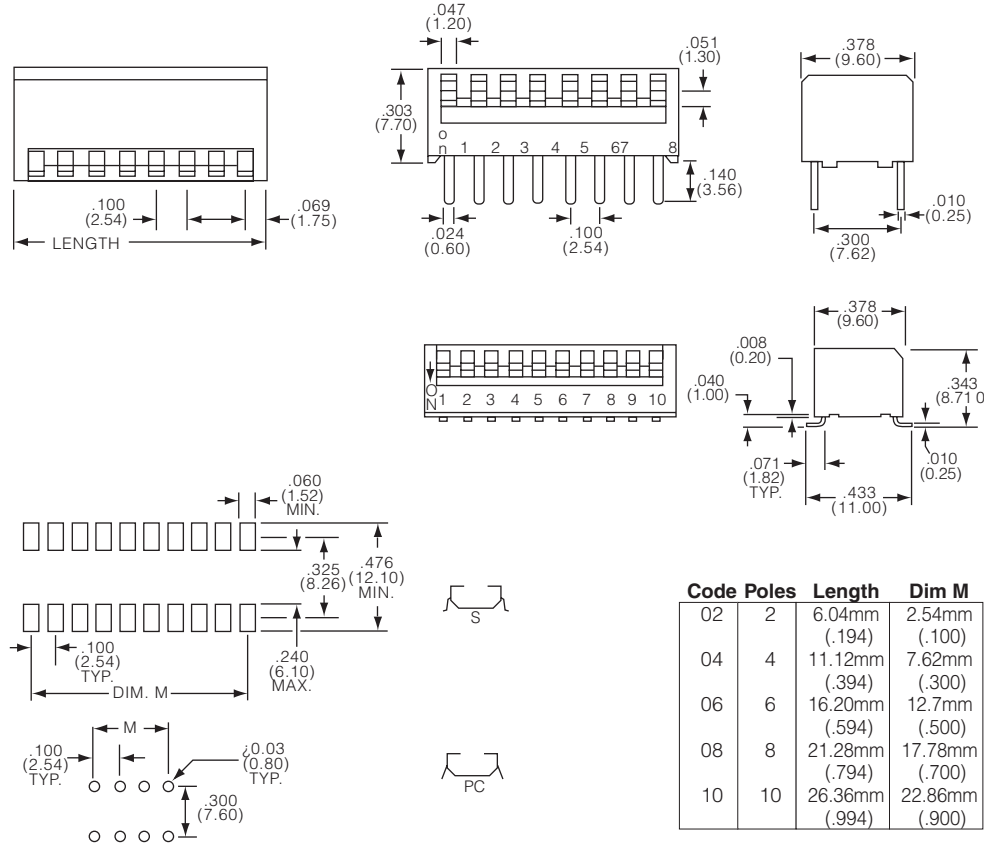
Positions



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



GDP0804



Product key	Positions	Terminal	Sealing	Packaging	Material	Part Number
GDP0204	2 positions	THT	with t.seal	tube	RoHS compliant	1571998-1
GDP02NTS04			no t.seal			1571998-2
GDP02S04		SMT	with t.seal			1571998-3
GDP02STR04				tape & reel		1571998-4
GDP0404	4 positions	THT		tube		1571998-5
GDP04NTS04			no t.seal			1571998-6
GDP04S04		SMT	with t.seal			1571998-7
GDP04STR04				tape & reel		1571998-8
GDP0604	6 positions	THT		tube		1571998-9
GDP06NTS04			no t.seal			1-1571998-0
GDP06S04		SMT	with t.seal			1-1571998-1
GDP06STR04				tape & reel		1-1571998-2
GDP0804	8 positions	THT		tube		1-1571998-3
GDP08NTS04			no t.seal			1-1571998-4
GDP08S04		SMT	with t.seal			1-1571998-5
GDP08STR04				tape & reel		1-1571998-6
GDP1004	10 positions	THT		tube		1-1571998-7
GDP10NTS04			no t.seal			1-1571998-8
GDP10S04		SMT	with t.seal			1-1571998-9
GDP10STR04				tape & reel		2-1571998-0

Preferred parts in bold print