

Dip Switches "End to End Stackable" GD Series

Through Hole and Surface Mount

FEATURES:

- Conventional gold wiping contact system
- Available in PC and surface mount configurations
- Traditional tape seal standard
- 95% Minimum solder coverage (90/10 tin lead)
- Withstands wave soldering temperature of 245°C for 3-5 seconds
- Heat deflection temperature of 260°C for surface mount compatibility
- End stackable (GDS version)
- Auto-insertable (GDS and GDB version)
- Vacuum pick and place compatible (GDS, GDB and GDH)
- Half pitch .050" terminal spacing (GDH version)
- Available in optional tape & reel packaging

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature	-30°C to +85°C
Storage Temperature	-45°C to +100°C
Solder Heat Resistance	See page M6-7

MATERIAL SPECIFICATIONS:

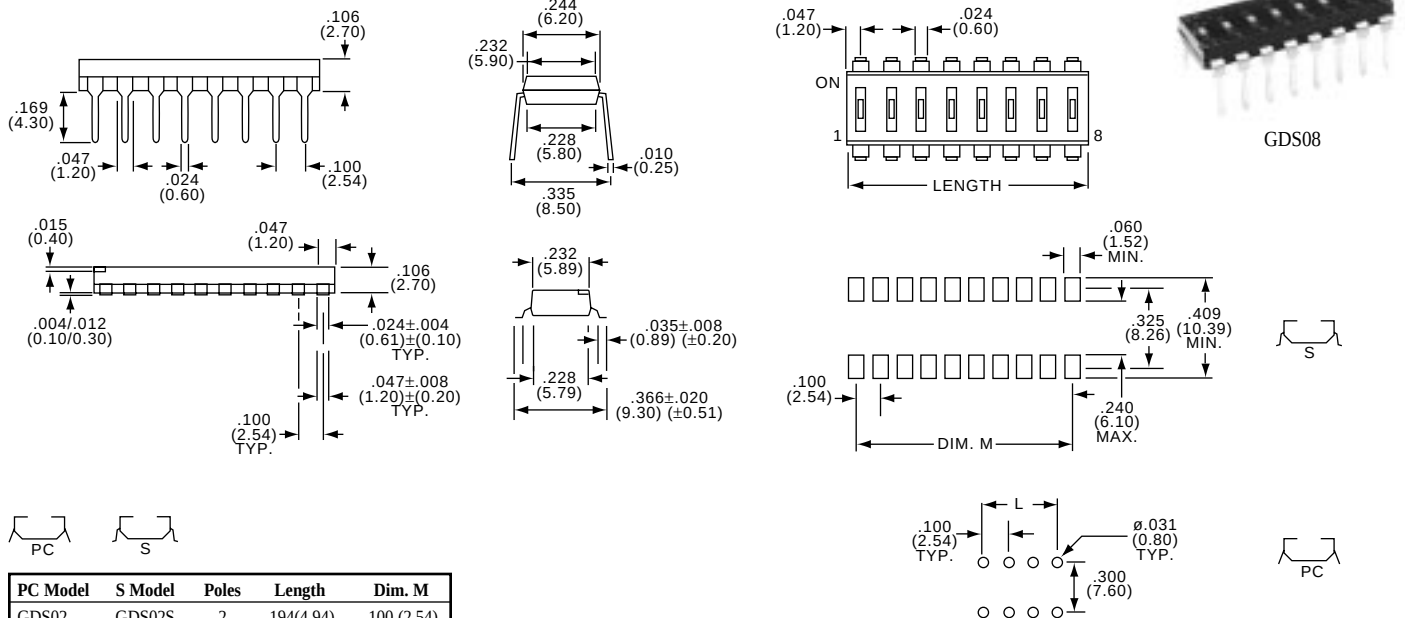
Moving Contact	Gold over nickel over copper alloy
Fixed Contact	Gold over copper alloy
Base Material	PPS UL94V-0
Cover Material	PPS UL94V-0
Actuator Material	High temperature polyester/polyamide
Terminal	Tin lead plated over nickel over copper alloy

TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating	0.4 VA 25ma @ 24 VDC
Initial Contact Resistance	100 Milliohms max.
Insulation Resistance	100 Megohms min. @ 250 VDC
Dielectric Strength	300 VAC
Life Expectancy	1,000 Cycles
Operating Force	60-600 Grams

End to End Stackable!

GDS
Low Profile Slide Actuator



See pages M2-M4 for application specific indexing.

Need more technical information?

Consult your Thomas & Betts
sales office listed on the back cover

GD Series *Dip Switches “Piano and Rocker” Actuator*

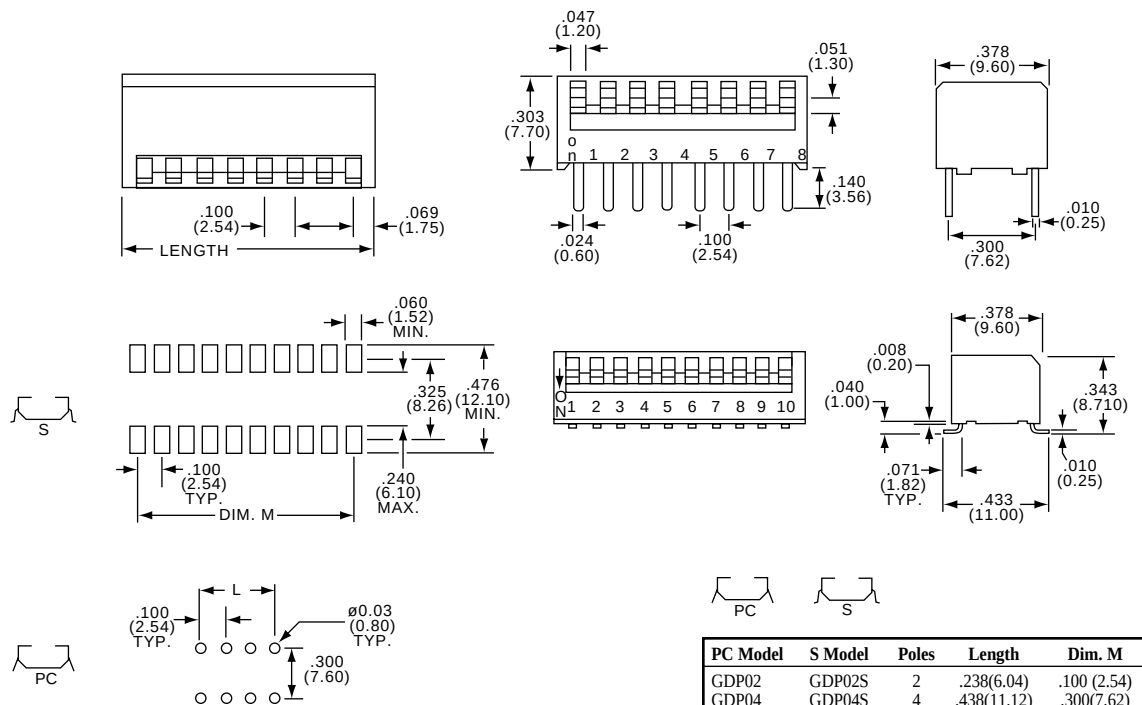
Through hole and Surface Mount

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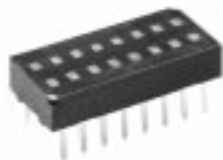
GDP Classic Profile Piano Actuator



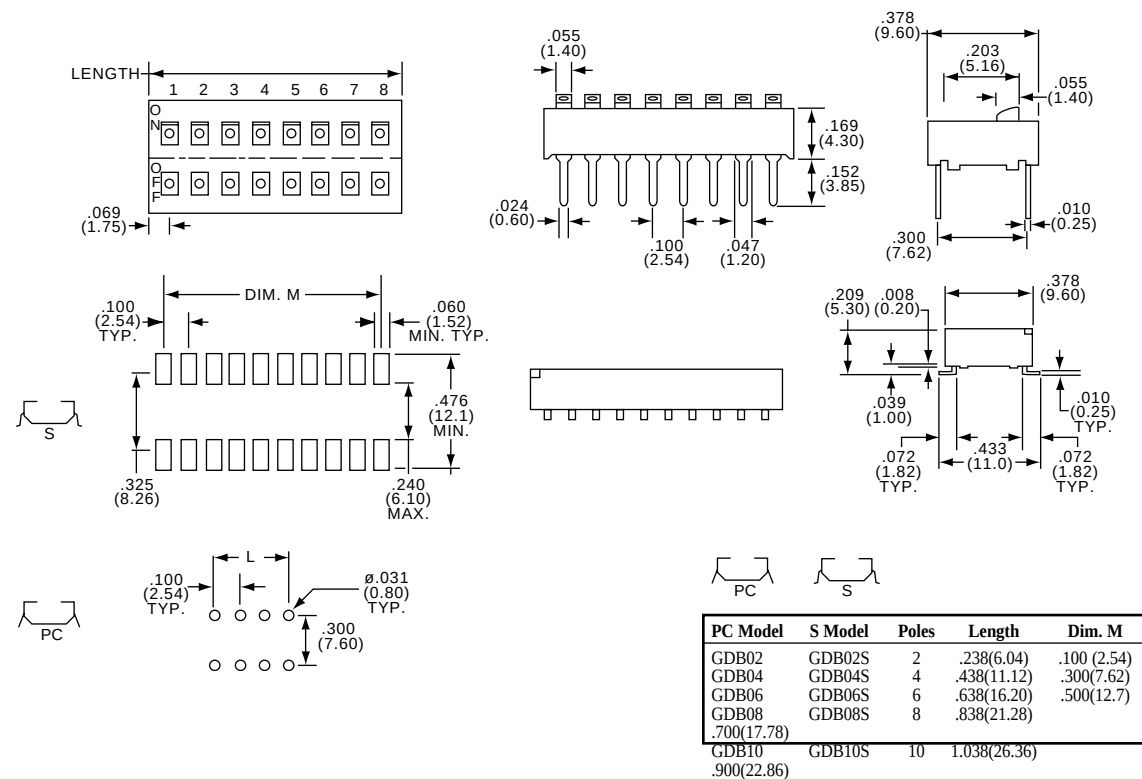
GDP08



GDB Flush Rocker Actuator



GDB08



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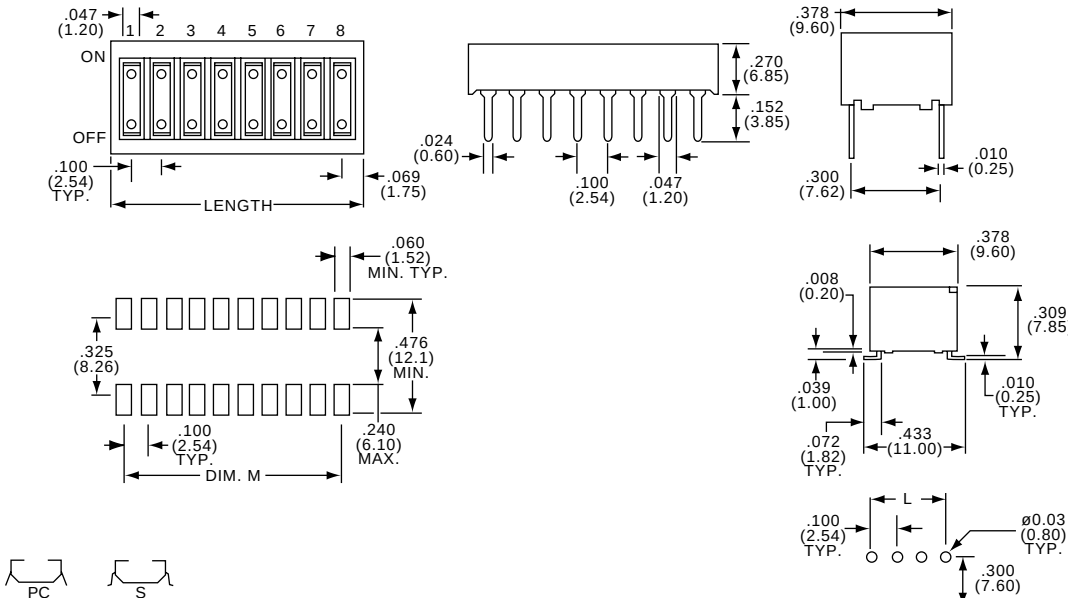
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Dip Switches "Recessed Rocker" Surface Mount "Half Pitch" .050" Low Profile

GD Series

GDR
Classic Profile
Recessed Rocker Actuator

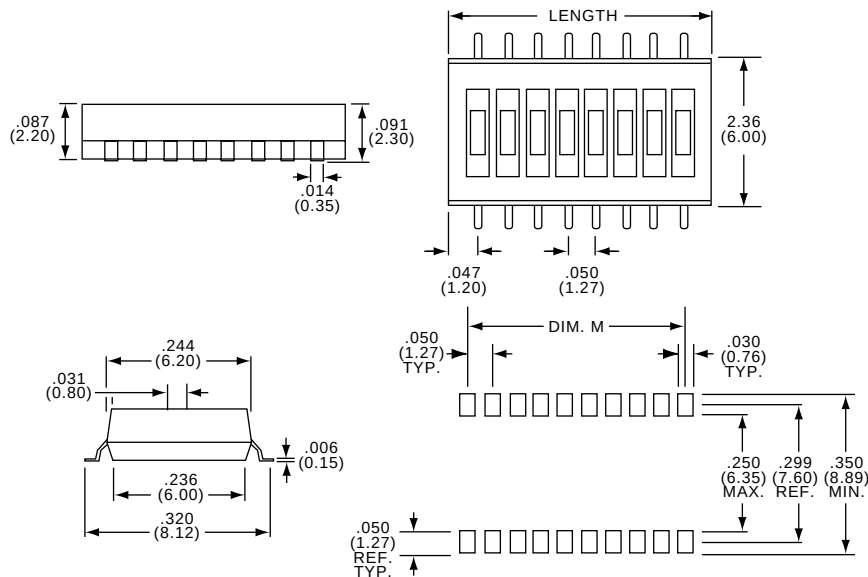
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GDR08

PC Model	S Model	Poles	Length	Dim. M
GDR02	GDR02S	2	.238(6.04)	.100 (2.54)
GDR04	GDR04S	4	.438(11.12)	.300(7.62)
GDR06	GDR06S	6	.638(16.20)	.500(12.70)
GDR08	GDR08S	8	.838(21.28)	.700(17.78)
GDR10	GDR10S	10	1.038(26.36)	.900(22.86)

GDH
Half Pitch .050" Terminal Spacing



GDH08S

S Model	Poles	Length	Dim. M
GDH02S	2	.144(3.66)	.050(1.27)
GDH04S	4	.244(6.20)	.150(3.81)
GDH06S	6	.344(8.75)	.250(6.35)
GDH08S	8	.444(11.29)	.350(8.89)
GDH10S	10	.544(13.82)	.450(11.43)

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