Dip Switches "End to End Stackable" Through Hole and Surface Mount GD Series

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

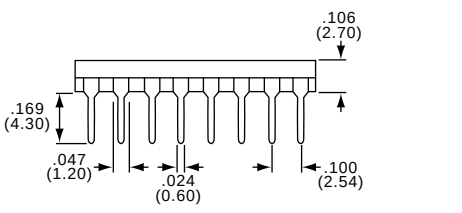
TYPICAL PERFORMANCE CHARACTERISTICS:

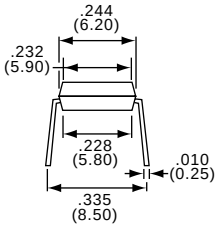
Contact Rating	0.4 VA 25ma @ 24 VDC
Initial Contact Resistance	100 Milliohms max.
Insulation Resistance	100 Megohms min. @ 250 VDC
Dielectric Strength	300 VAC
Life Expectancy	1,000 Cycles
Operating Force	60-600 Grams

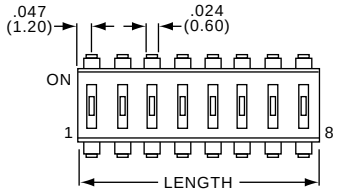
End to End Stackable!

GDS

Low Profile Slide Actuator

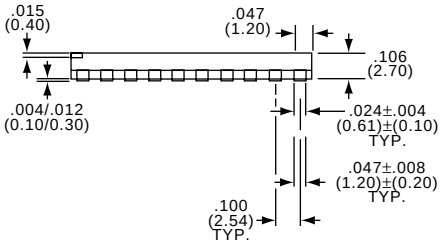


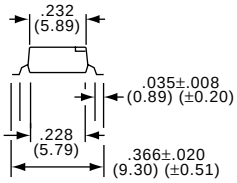


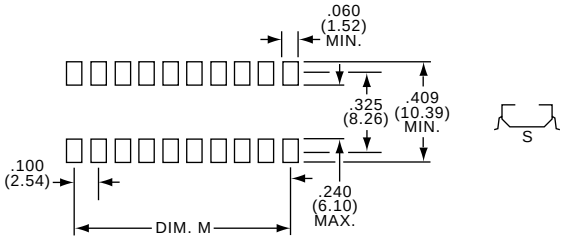


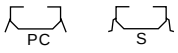


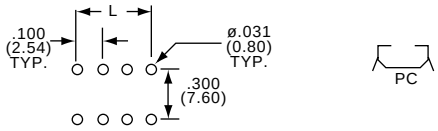
GDS08











PC Model	S Model	Poles	Length	Dim. M
GDS02	GDS02S	2	.194(4.94)	.100 (2.54)
GDS04	GDS04S	4	.394(10.02)	.300(7.62)
GDS06	GDS06S	6	.594(15.10)	.500(12.7)
GDS08	GDS08S	8	.794(20.18)	.700(17.78)
GDS10	GDS10S	10	.994(25.26)	.900(22.86)

See pages M2-M4 for application specific indexing.

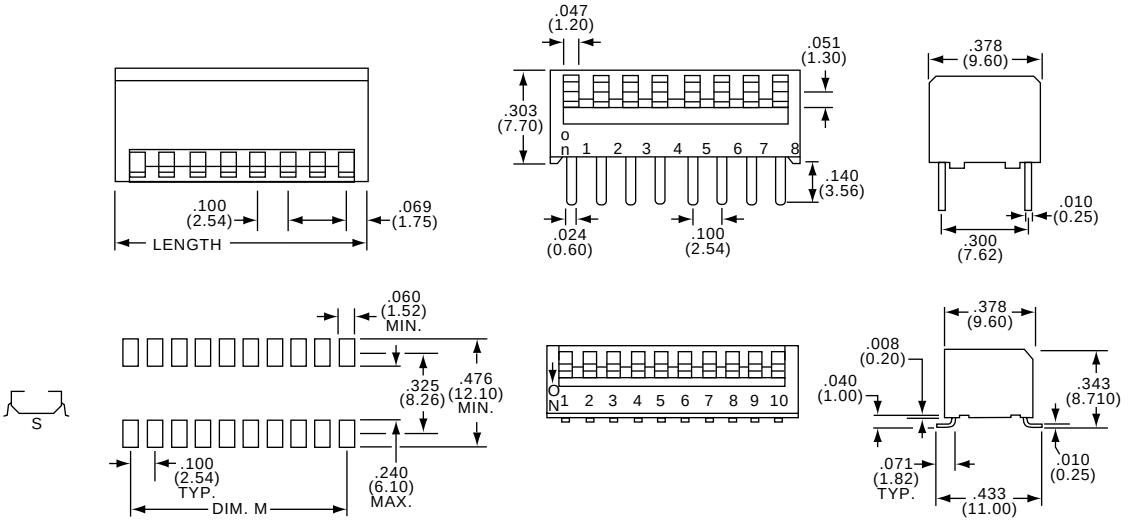
GD Series *Dip Switches "Piano and Rocker" Actuator Through hole and Surface Mount*

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GDP
Classic Profile Piano Actuator

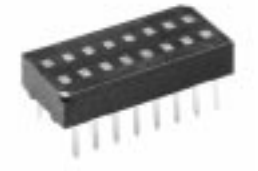


GDP08

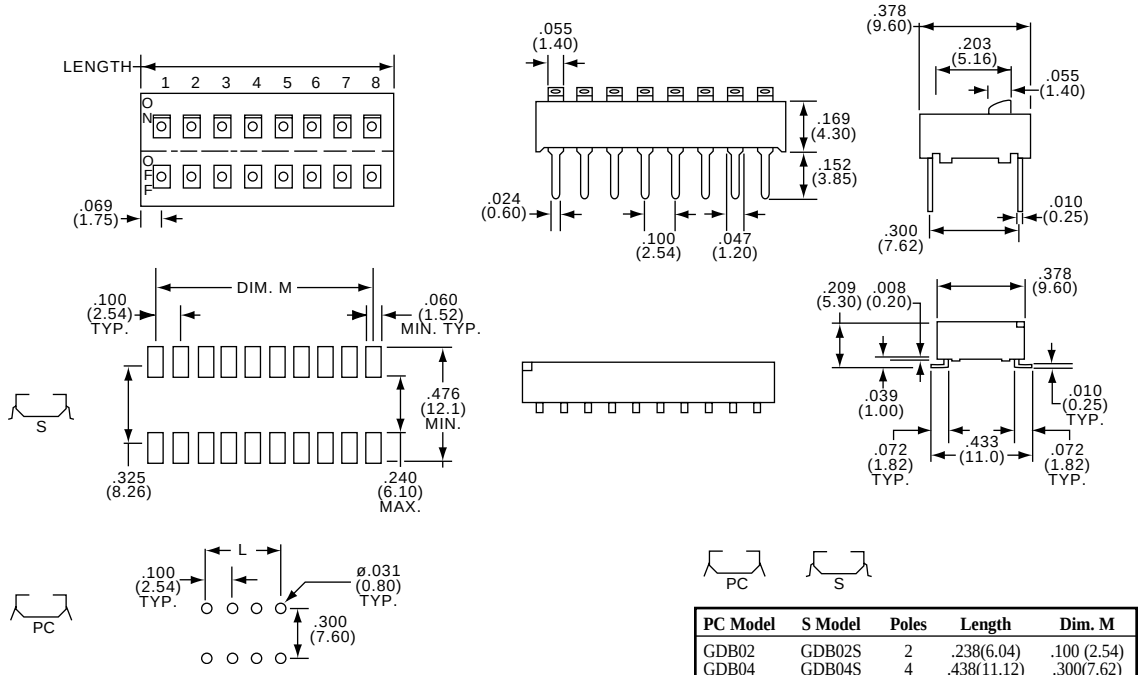


PC Model	S Model	Poles	Length	Dim. M
GDP02	GDP02S	2	.238(6.04)	.100 (2.54)
GDP04	GDP04S	4	.438(11.12)	.300(7.62)
GDP06	GDP06S	6	.638(16.20)	.500(12.7)
GDP08	GDP08S	8	.838(22.28)	.700(17.78)
GDP10	GDP10S	10	1.038(26.36)	.900(22.86)

GDB
Flush Rocker Actuator



GDB08



PC Model	S Model	Poles	Length	Dim. M
GDB02	GDB02S	2	.238(6.04)	.100 (2.54)
GDB04	GDB04S	4	.438(11.12)	.300(7.62)
GDB06	GDB06S	6	.638(16.20)	.500(12.7)
GDB08	GDB08S	8	.838(21.28)	.700(17.78)
GDB10	GDB10S	10	1.038(26.36)	.900(22.86)

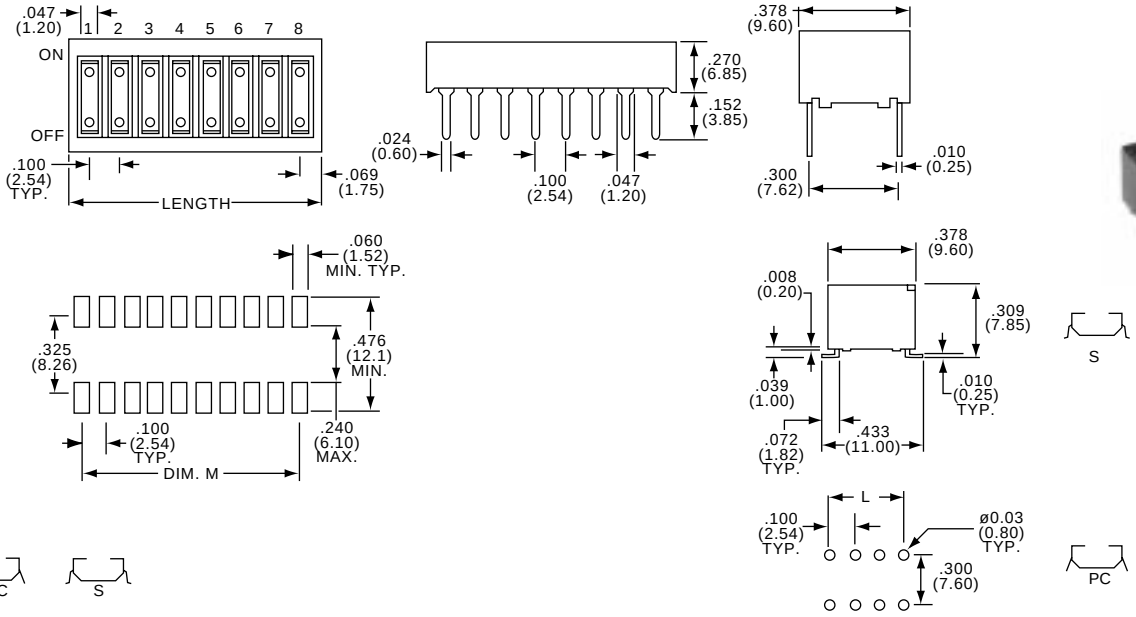
Thomas & Betts
8155 T&B Blvd.
Memphis, TN 38125
(901) 252-5000 FAX (901) 252-1380

A

GDR
Classic Profile
Recessed Rocker Actuator



GDR08

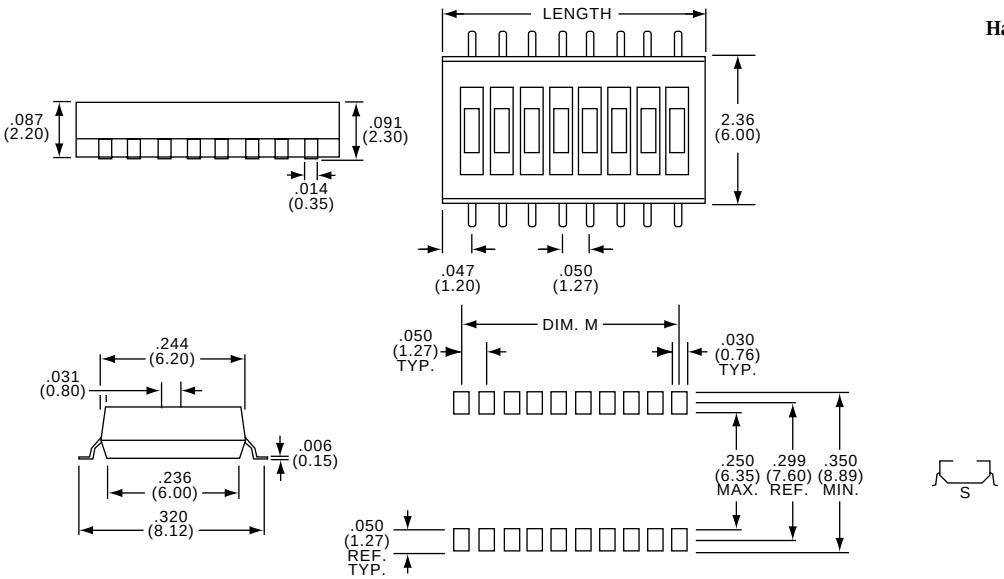


PC Model	S Model	Poles	Length	Dim. M
GDR02	GDR02S	2	.238(6.04)	.100 (2.54)
GDR04	GDR04S	4	.438(11.12)	.300(7.62)
GDR06	GDR06S	6	.638(16.20)	.500(12.70)
GDR08	GDR08S	8	.838(21.28)	.700(17.78)
GDR10	GDR10S	10	1.038(26.36)	.900(22.86)

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)