



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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:

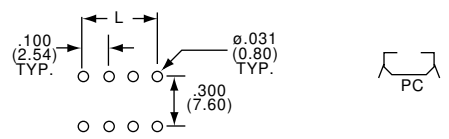
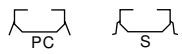
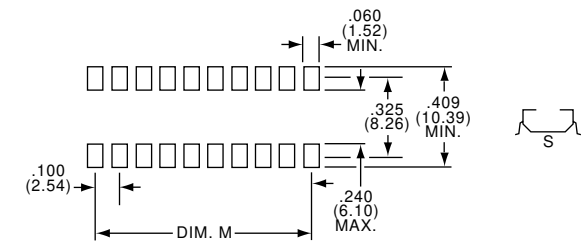
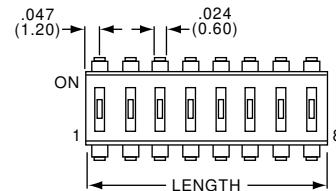
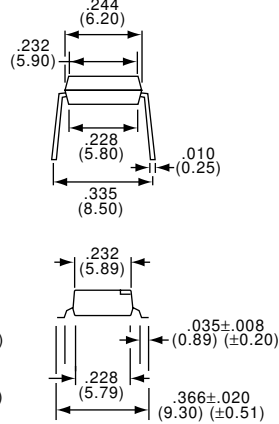
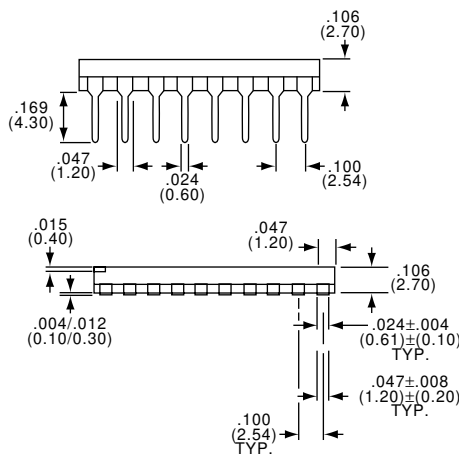
Moving Contact Gold over nickel over copper alloy
 Fixed Contact Gold over copper alloy
 Base Material PPS UL94V-0
 Cover Material PPS UL94V-0
 Actuator Material High temperature polyester/polyamide
 Terminal Tin lead plated over nickel over copper alloy

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



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.

Need more technical information?
 Consult your Thomas & Betts
 sales office listed on the back cover

GD Series *Dip Switches "Piano and Rocker" Actuator*

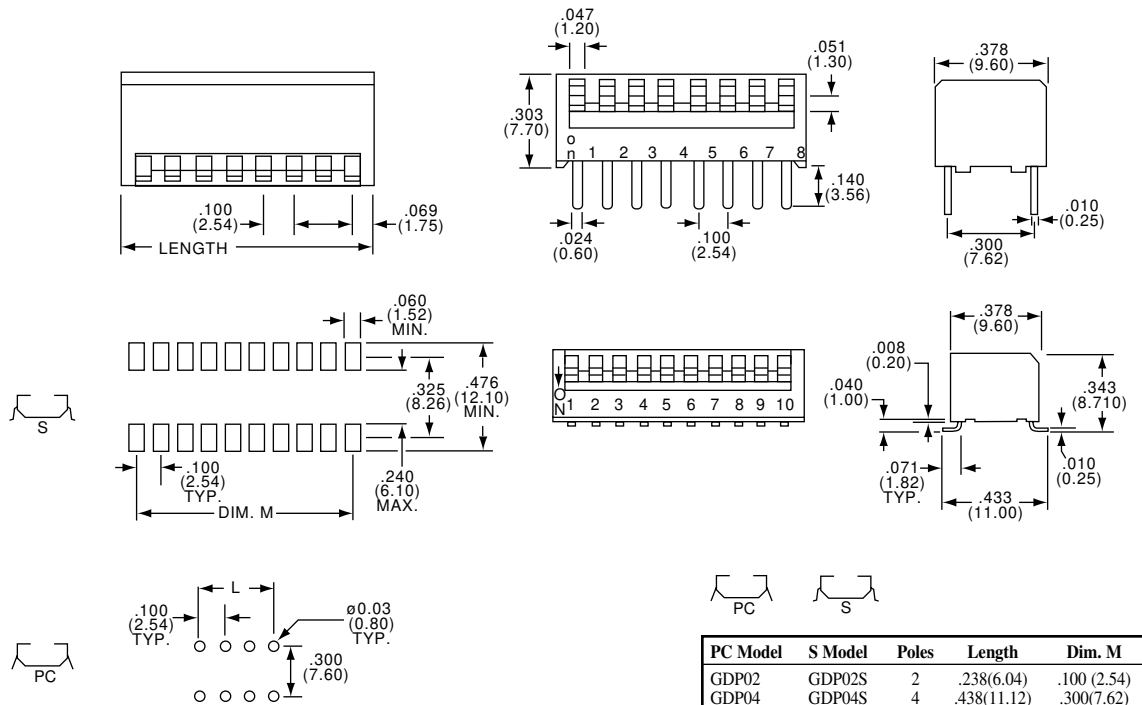
Through hole and Surface Mount

A

GDP
Classic Profile Piano Actuator

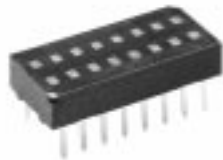


GDP08

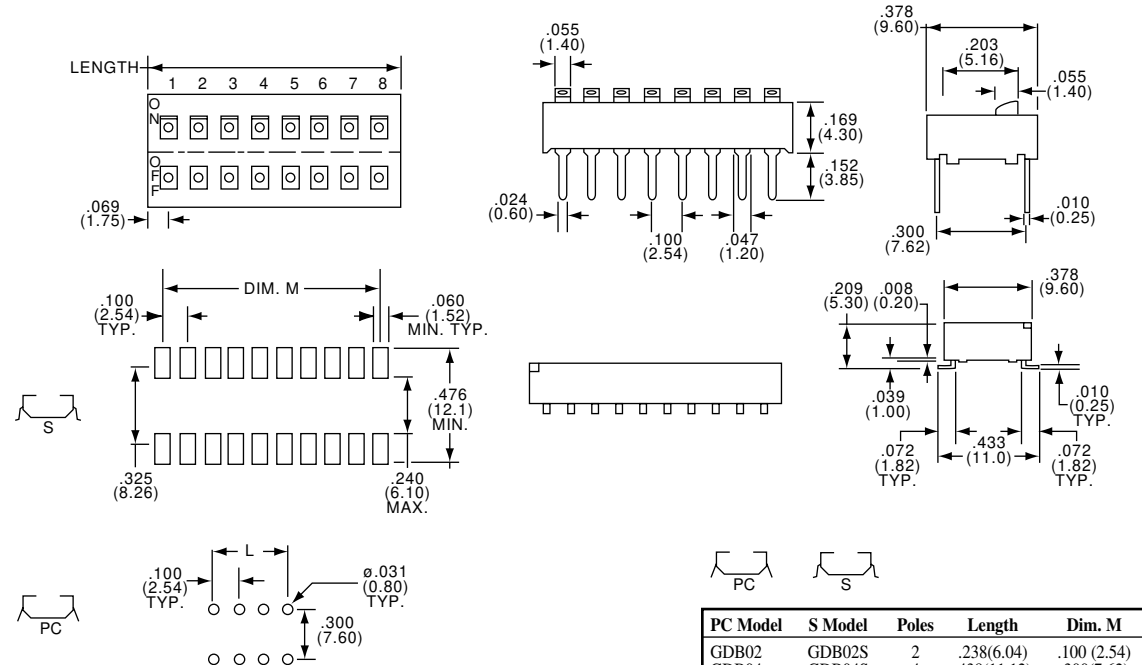


PC Model	S Model	Poles	Length	Dim. M
GDP02	GDP02S	2	.238(6.04)	.100 (2.54)
GDP04	GDP04S	4	.438(11.12)	.300(7.62)
GDP06	GDP06S	6	.638(16.20)	.500(12.7)
GDP08	GDP08S	8	.838(22.28)	.700(17.78)
GDP10	GDP10S	10	1.038(26.36)	.900(22.86)

GDB
Flush Rocker Actuator



GDB08

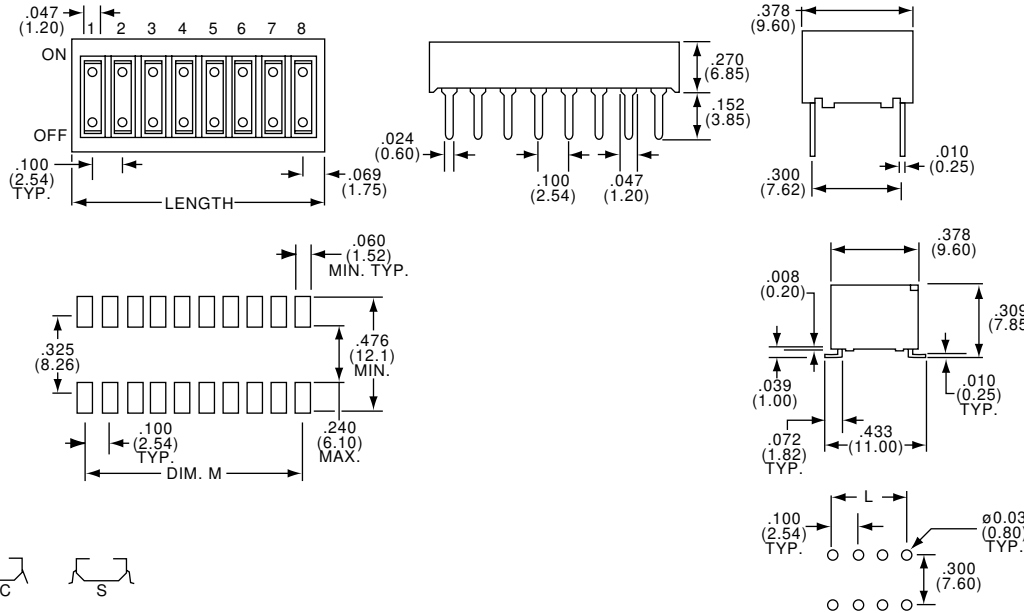


PC Model	S Model	Poles	Length	Dim. M
GDB02	GDB02S	2	.238(6.04)	.100 (2.54)
GDB04	GDB04S	4	.438(11.12)	.300(7.62)
GDB06	GDB06S	6	.638(16.20)	.500(12.7)
GDB08	GDB08S	8	.838(21.28)	.700(17.78)
GDB10	GDB10S	10	1.038(26.36)	.900(22.86)

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

GD Series

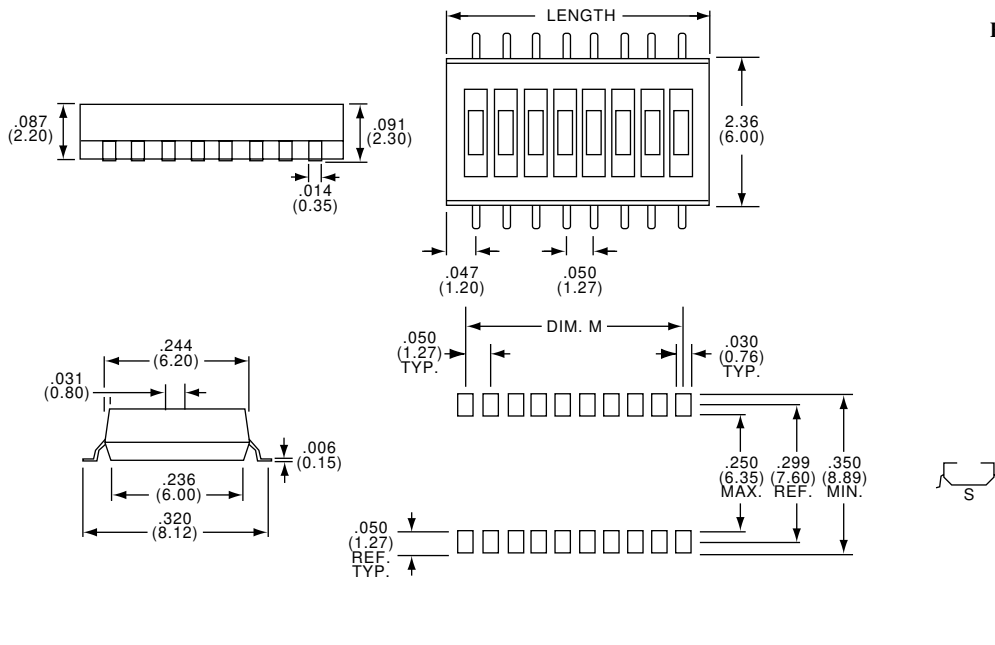
GDR
Classic Profile
Recessed Rocker Actuator



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)

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sales office listed on the back cover