



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!



## Contact us

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## Pushbutton Switches, Magnetic Reed, Long Life, Hermetically Sealed

### MATERIAL SPECIFICATIONS:

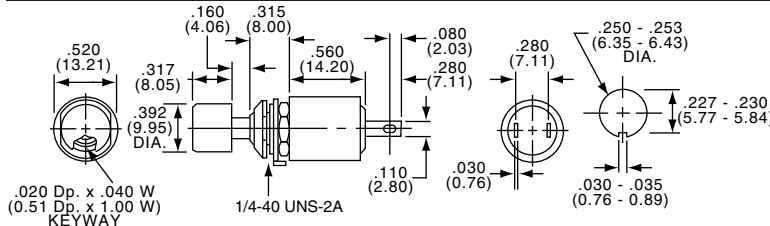
Contacts .....Gold  
Case Material .....Steel  
Actuator Material .....Polyamide  
Terminals/Fixed Contacts.....Wire Lug  
Pin useable for PC applications

### ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature.....+14°F to +176°F (-10°C to +80°C)  
Storage Temperature.....+14°F to +176°F (-10°C to +80°C)

### TYPICAL PERFORMANCE CHARACTERISTICS:

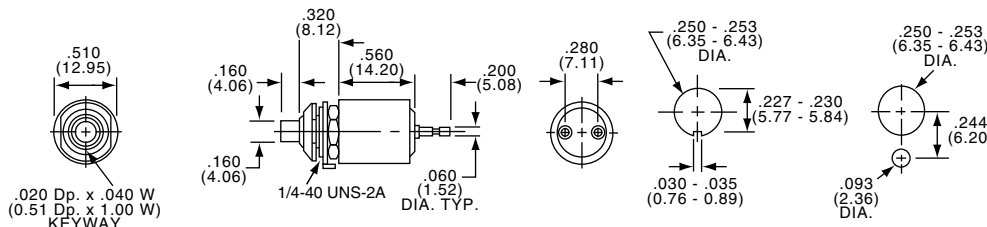
Contact Rating .....1.0 VA optimum (100 mA max., 100 VDC max.)  
Initial Contact Resistance .....100 Milliohms max.  
Actuation Force .....Tactile "keyboard feel" 4 to 7 oz.  
"breakaway" reducing immediately to 1.5 oz.  
"follow-through"  
Actuator Travel ......078" nominal  
Life Expectancy.....Up to 5,000,000 Cycles @ .1 VA; 50,000 cycles @ 5VA  
Solder Heat Resistance .....See page M3-4  
Note: Hardware included with switches



Part Number		Type	Act. Code	P. M6	Action	Actuator Type	Terminals
Tyco Electronics	Alcoswitch						
9-1437567-4	MSPM101B0	SPST	14		Normally Closed	Black Cap	Pin
1437568-1	MSPM101C2	SPST	13		Normally Open	Red Cap	Pin
9-1437567-5	MSPM101B1	SPST	14		Normally Closed	Black Cap	Lug
9-1437567-9	MSPM101C1	SPST	13		Normally Open	Red Cap	Lug

Cap Model C22 supplied with unit.

N.C. OR N.O.  
SOFT DETENT



Part Number		Type	Act. Code	P. M6	Action	Actuator Type	Terminals
Tyco Electronics	Alcoswitch						
9-1437567-7	MSPM101BS	SPST	14		Normally Closed	Black Plunger	Pin
1437568-3	MSPM101CS	SPST	13		Normally Open	Red Plunger	Pin
9-1437567-8	MSPM101BS1	SPST	14		Normally Closed	Black Plunger	Lug
1437568-4	MSPM101CS1	SPST	13		Normally Open	Red Plunger	Lug

N.C. OR N.O.  
AUDIBLE DETENT

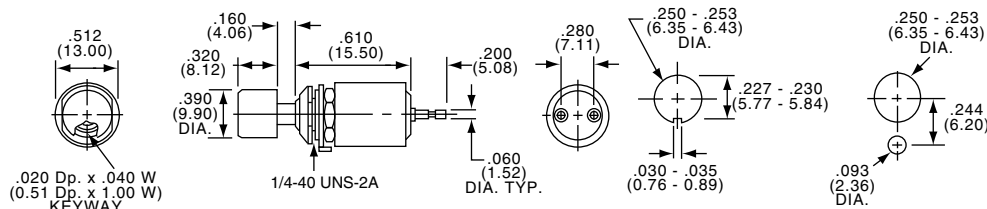


## Pushbutton Switches, Push-Pull, Magnetic Reed, Long Life, Hermetically Sealed

### SPECIFICATIONS (Same as above except):

Travel ..... .125" (3.18) nominal

Actuation Force .....Tactile feel 5 to 8 oz. "breakaway" with magnetically accelerated "follow-through"



Part Number		Type	Act. Code	P. M6	Push	Pull	Actuator Type	Terminals
Tyco Electronics	Alcoswitch							
9-1437567-6	MSPM101BP	SPST	18		Open	Closed	Black Cap	Pin
1437568-2	MSPM101CP	SPST	17		Closed	Open	Red Cap	Pin

Cap Model C22 supplied with unit.  
Model C23 available, order separately. (See Page D32.)

N.C. OR N.O.

