

MSPM Series, Magnetic Reed, Long Life, Hermetically Sealed

Features

- Glass to metal hermetic seal
- Magnetic return (no springs)
- Wire lug or pc terminals
- Actuator cap and mounting hardware supplied



Pushbutton Switches

Typical performance characteristics

Contact configuration SPST
 Contact timing Break-Before-Make
 Contact rating max. 1.0 VA (100 mA max. 100 VDC max.)
 Electrical life at 0.1 VA: 5,000,000 cycles
 at 5 VA: 50,000 cycles
 Contact resistance, initial. max. 100 mOhms'
 Insulation resistance 1,000 MOhms min.
 Dielectric strength 1,000 Volts rms @ sea level
 Actuation force tactile "keyboard feel" 1.15 to 2 N (115 to 200 gf.)
 "breakaway reducing immediately
 to 0.43 N (43gf.) "follow-through"
 Actuator travel.078" (2.0 mm)

Environmental specification

Operating temperature -10°C to +80°C
 Storage temperature -10°C to +80°C
 Solder heat resistance hand solder
 Seal glass to metal

Material specifications

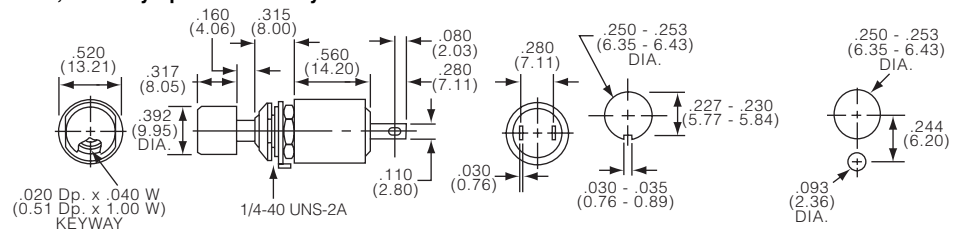
Contacts copper alloy gold plated over nickel
 Actuator polyamide
 Terminals copper alloy gold plated over nickel
 Case steel
 RoHS Directive 2002/95/EC compliant

Product key	Typical product key		MSPM	101	B	1	04
Type	MSPM Pushbutton, magnetic reed, long life, hermetically sealed						
Version	101 standard version						
Action	B normally closed, black button C normally open, red cap						
Button	blank with button soft detent S without button audible detent						
Terminals	blank pin	2	pin				
	0 pin	1	wire lug				
Material	04 RoHS compliant						

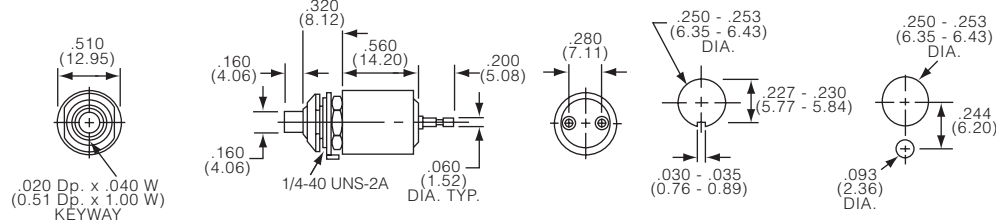
MSPM Series, Magnetic Reed, Long Life, Hermetically Sealed (Continued)

Button

blank with button, soft detent, normally open or normally closed



S without button, audible detent, normally open or normally closed



Product key	Action	Button	Terminals	Material	Part Number
MSPM101B004	normally closed	with button	pin	RoHS	1825538-1
MSPM101B104	black button	soft detent	wire lug	compliant	1825538-2
MSPM101C104	normally open				1825538-3
MSPM101C204	red button		pin		1825538-4
MSPM101BS04	normally closed	without button			1825539-1
MSPM101BS104	black button	audible detent	wire lug		1825539-2
MSPM101CS04	normally open		pin		1825539-3
MSPM101CS104	red button		wire lug		1825539-4