

MSP103 Series, 2.5mm Travel, Panel Mount

Features

- MSP series over-travel design (self cleaning contacts) 3A
- MSPS butt contact design 0.5 A
- One piece bushing and sholder designed to reduce tear off
- Mounting hardware supplied, decorative hardware available



Typical performance characteristics

Contact configuration SPST
 Contact timing Break-Before-Make
 Contact rating max. MSP: 3 A @ 125 VAC
 MSPS: 0.5 A @ 125 VAC
 Electrical life 10,000 cycles
 Contact resistance, initial 100 mOhms max.
 Insulation resistance 1,000 mega ohms min.
 Dielectric strength 1,000 Volts rms @ sea level
 Actuator travel098" (2.5 mm)

Environmental specification

Operating temperature -20°C to +80°C
 Storage temperature -20°C to +80°C
 Solder heat resistance hand solder 420°C max. 3 seconds max.

Material specifications

Contacts copper alloy silver plated
 Actuator (Button) thermoplastic
 Terminals copper alloy silver plated
 Case MPS: phenol resin, MSPS: thermoset plastic
 RoHS Directive 2002/95/EC compliant

Product key	Typical product key	MSP	103	B	04
Type	Pushbutton switch, 2.5mm travel, panel mount				
Contact					
103	3 A @125 VAC				
S103	0.5 A @125 VAC				
Action/button color					
B	NC, normally closed, black actuator				
C	NO, normally open, red actuator (contact version 103 only)				
C0	NO, normally open, black actuator				
C2	NO, normally open, red actuator, long bushing				
Material					
04	RoHS compliant		blank	RoHS compliant	

Pushbutton Switches

MSP103 Series, 2.5mm Travel, Panel Mount (Continued)

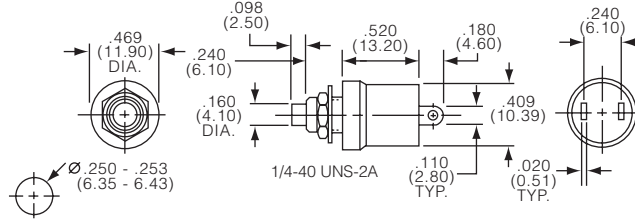
Contact



103 3 A contact



MSP103B

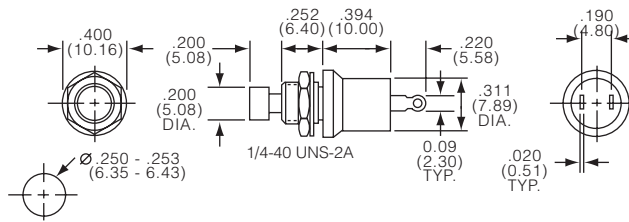


Contact	Action	Bushing len.
103	B	6.00mm (.236)
	C	6.00mm (.236)
	C0	6.00mm (.236)
	C2	9.50mm (.374)

S103 0.5 A contact



MSPS103B



Contact	Action	Bushing len.
S103	B	6.22mm (.245)
	C0	6.22mm (.245)
	C2	6.22mm (.245)

Pushbutton Switches

Product key	Contact	Action	Type	Button color	Terminals	Material	Part Number
MSP103B04	3 A	N/C	SPST	black	wire lug	RoHS	1825516-1
MSP103C04	@125 VAC	N/O		red		compliant	1825516-2
MSP103C004				black			1825516-3
MSP103C204				red			1825516-4
MSPS103B	0.5 A	N/C		black			1437568-5
MSPS103C0	@125 VAC	N/O					1437568-7
MSPS103C2				red			1437568-6