

**MPA103 Series, Panel Mount**

**Features**

- Relatively high current carrying capacity for size of switch
- One piece bushing and shoulder designed to reduce tear off
- Decorative hardware supplied



Pushbutton Switches

**Typical performance characteristics**

Contact configuration	SPST SPDT
Contact timing	Break-Before-Make
Contact rating max.	3A @ 125VAC
Electrical life	10,000 cycles
Contact resistance, initial	20 mOhms max
Insulation resistance	1,000 MOhms min
Dielectric strength	1,000 Volts rms @ sea level
Actuator travel	.098" (2.5mm)
Actuator Force	SPST: 2.8 N (.283)
	SPDT: 4.5 N (.453kg)

**Environmental specification**

Operating temperature	-20°C to +70°C
Storage temperature	-40°C to +80°C
Solder heat resistance	hand solder 420°C max. 3 seconds max.

**Material specifications**

Contacts	copper alloy silver clad
Actuator (button)	phenol resin
Terminals	copper alloy silver plated
Case	thermoset plastic
RoHS Directive 2002/95/EC	compliant

**Product key**

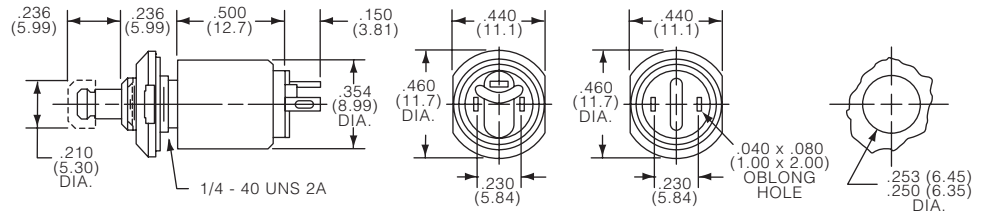
Typical product key

**MPA 103 C 04**

<b>Type</b>	Sub-Miniature Pushbutton		
<b>Version</b>	103 standard		
<b>Action</b>	<b>B</b> Normally Closed, momentary	<b>D</b> Push on/Push off - (tactile)	
	<b>C</b> Normally Open, momentary	<b>F</b> Momentary - (tactile)	
<b>Material</b>	04 RoHS compliant		



MPA103C



Black cap supplied. Other colors available, order separately (see accessories pushbuttons).

Product key	Action	Type	Terminals	Material	Part Number
MPA103B04	N/C	SPST	Wire Lug	RoHS compliant	1825403-1
MPA103C04	N/O				1825403-2
MPA103D04	Push on/Push off	SPDT			1825404-1
MPA103F04	Momentary				1825404-2