



MATERIAL
 Bushing: Aluminum alloy.
 Base: PBT(UL-94V0).
 Actuator: PC(Translucent UL-94V2).
 Cap: Aluminum alloy.
 Spring: Steel.
 Sealing: Silicone(Translucent).
 O-ring: Silicone(Translucent).
 Nut: Brass(Nickel Plated).
 Terminal: Brass,Gold flash plated.
 Contact: Silver alloy.

MPB16-XXRE-X-XR-XV

Body type & color		Accessories	
CA	AL alloy Natural Anodized	Resistance (About LED Voltage)	
CB	AL alloy Black Anodized	0	Without Resistance
Button type		3V	LED input 3 VDC, 47Ω * Red/Yellow led type only
R	Round	6V	LED input 6 VDC, 180Ω
Light type		12V	LED input 12 VDC, 470Ω
E	Ring	24V	LED input 24 VDC, 1000Ω
LED color		* ohms value of resistance tolerance: ±5%	
1	White	Terminal plating	
3	Red	R Gold Flash	
5	Yellow	Terminal shape	
6	Green	J Solder terminal	
7	Blue	T1 Wire length 500mm	

Specifications

- Rating : 2A/36VDC.
- Electrical Life : 200,000 Make-And-Break Cycles At Full Load.
- Mechanical Life : 1,000,000 Cycles.
- Insulation Resistance : 1,000MΩ Min. at 500VDC.
- Dielectric Strength : 2,000V RMS@sea level.
- Contact Resistance : 50 mΩ Max.
- Operation Temperature : -20°C ~ +70°C.
- Travel : About 2.0mm±0.20mm
- Operation Pressure : 4.5N±1.5N.
- Ingress Protection : IP67.
- Torque : 11.5 kgf. cm.
- Current limiting resistor is required to limit LED forward current to 20mA.



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符號	原尺寸	修改後尺寸	變更日期	SCALE (比例): 1:1	TITLE 圖名	SIZE 圖紙
1	(A)			TOLERANCE (公差): 0.00 mm ± 0.25mm 0.0 mm ± 0.40mm ANGULAR: ±5° FILE NAME : MPB16-0309	Metal push button switch Ø 16	A4
2	(B)				DWG NO. 圖號	UNIT 單位
3	(C)				REV. 版本	SHEET 張數
4	(D)				CHECKED BY 審核	DATE 日期
5	(E)				DRAWN BY 製圖	IRENE