

SERIES: MPB06 | **DESCRIPTION:** MINI PUSH BUTTON SWITCH**FEATURES**

- single pole
- surface mount
- tape and reel

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				28	Vdc
rated current				14	mA
withstanding voltage	for 1 minute		500		Vac
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	500			MΩ
operating force		150	250	350	gf
actuator travel			1.1		mm
operating temperature		-25		80	°C
life			20,000		cycles
flammability rating	see material table				
RoHS	yes				

PART NUMBER KEY

MPB06 - 1 X XX - R - SMT - TR

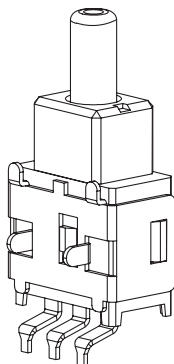
Base Number

Circuit Type:
C = SPDT: ON-(ON)

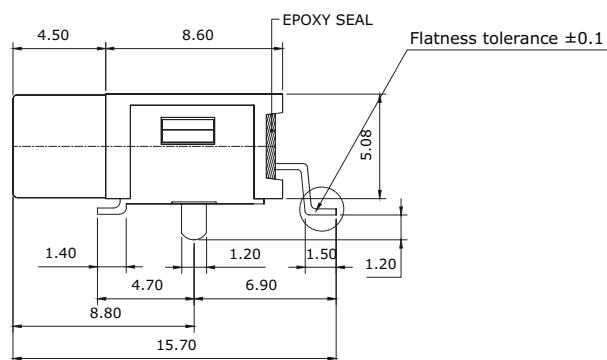
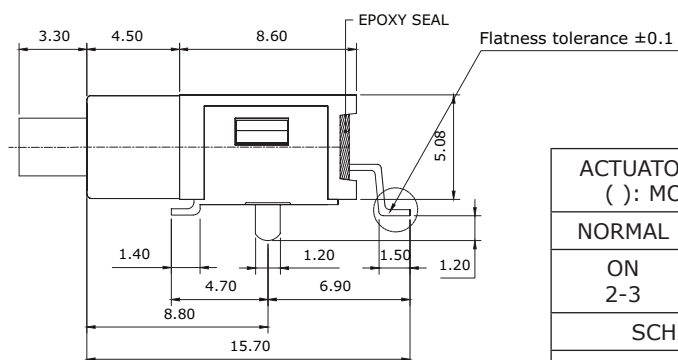
Actuator Height:
00 = Flush
33 = 3.3 mm
54 = 5.4 mm

MECHANICAL DRAWING (SPDT CIRCUIT)

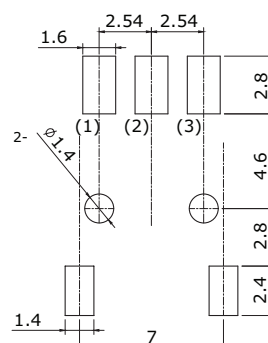
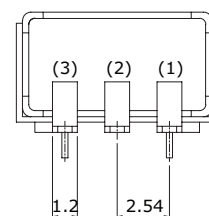
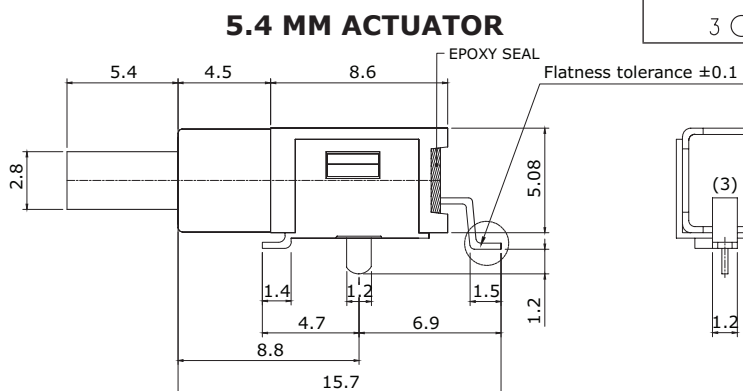
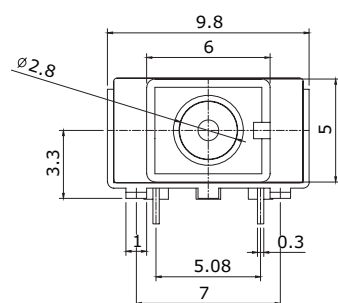
units: mm
tolerance: ± 0.3 mm
unless otherwise noted



ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	actuator	PA46 (UL94V-0)	white
2	housing	PA46 (UL94V-0)	white
3	terminals	brass	gold
4	bracket	phosphor bronze	tin

FLUSH ACTUATOR**3.3 MM ACTUATOR**

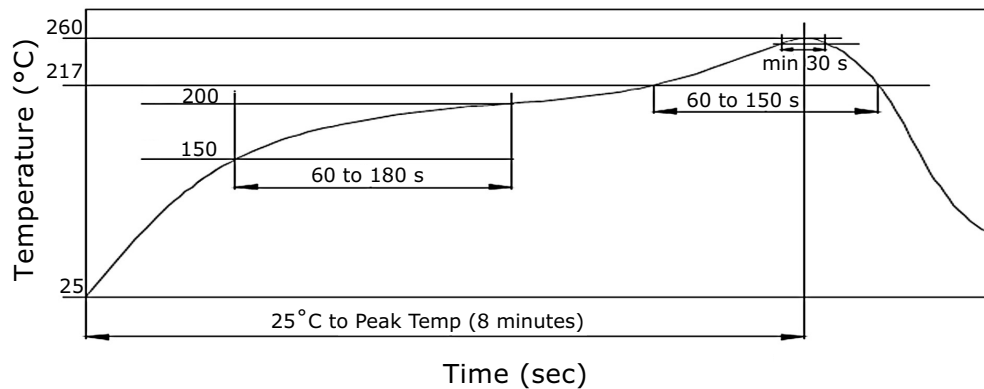
ACTUATOR POSITION (): MOMENTARY	
NORMAL	DOWN
ON 2-3	(ON) 2-1
SCHEMATIC	
3	2(COM) 1



Recommended PCB Layout
Top View

SOLDERABILITY

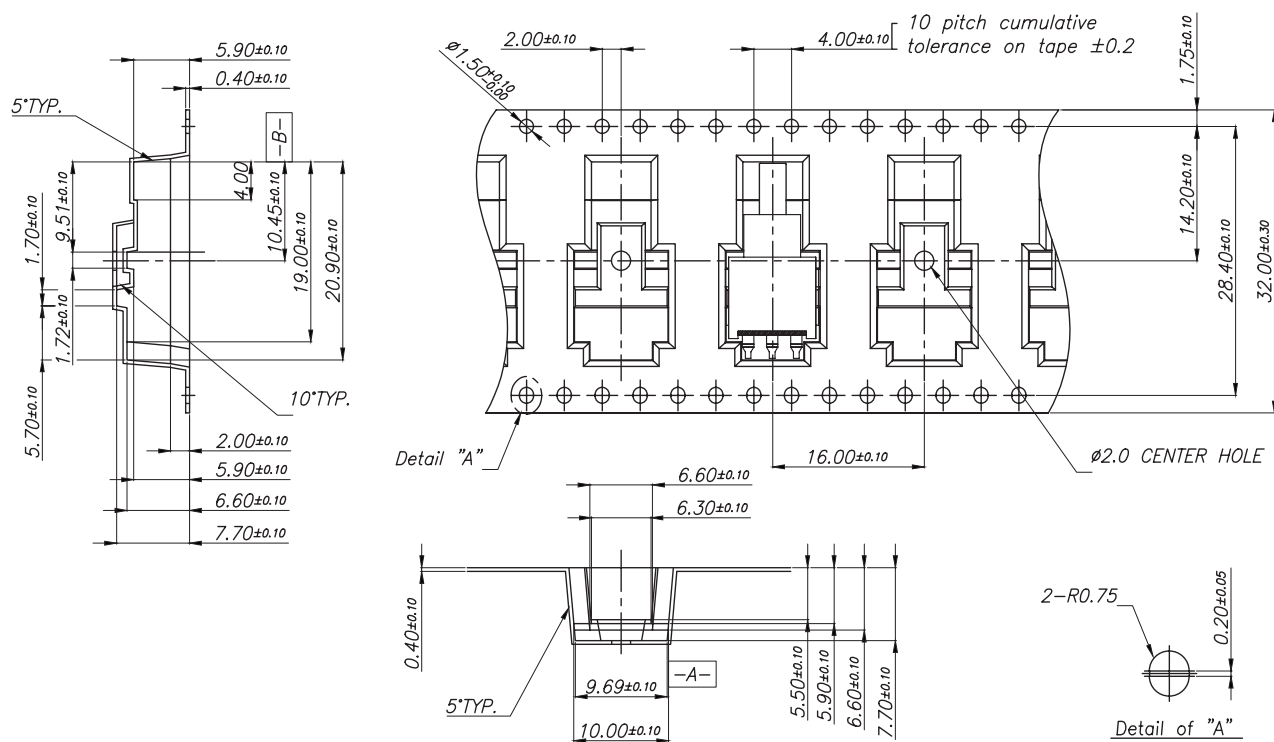
parameter	conditions/description	min	typ	max	units
reflow soldering		255		260	°C



PACKAGING

units: mm

QTY: 500 pcs



REVISION HISTORY

rev.	description	date
1.0	initial release	06/03/2021

The revision history provided is for informational purposes only and is believed to be accurate.

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