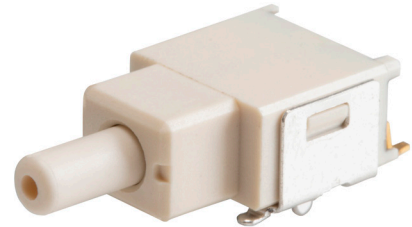


SERIES: MPB06 | **DESCRIPTION:** MINI PUSH BUTTON SWITCH

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

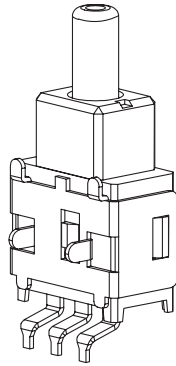
Base Number

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

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

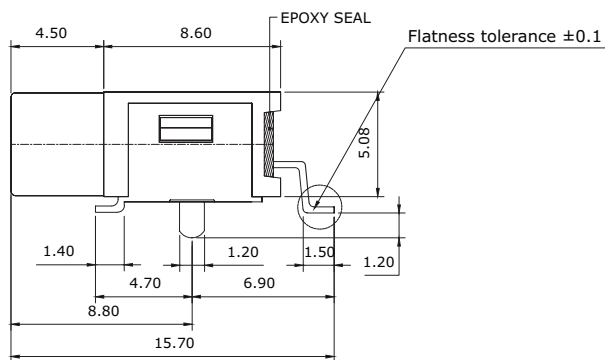
MECHANICAL DRAWING (SPDT CIRCUIT)

units: mm
tolerance: ± 0.3 mm
unless otherwise noted

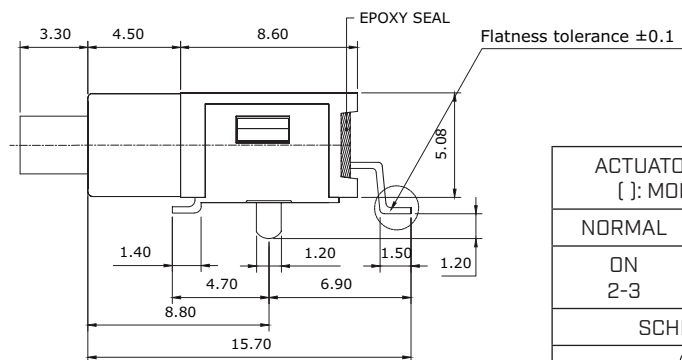


ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	actuator	PA46 (UL94V-0)	white
2	housing	PA46 (UL94V-0)	white
3	terminals	brass	gold
4	bracket	phosphor bronze	tin

FLUSH ACTUATOR

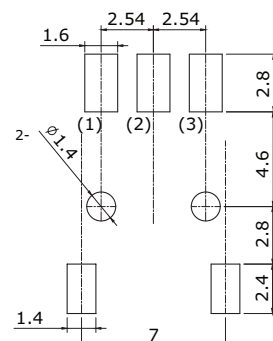
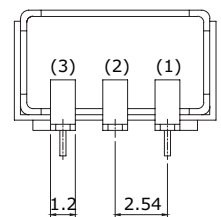
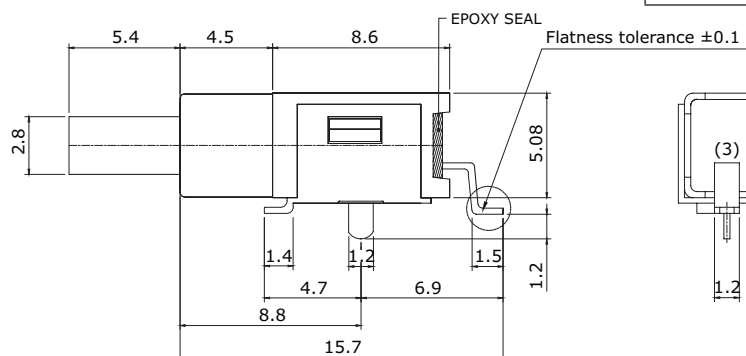
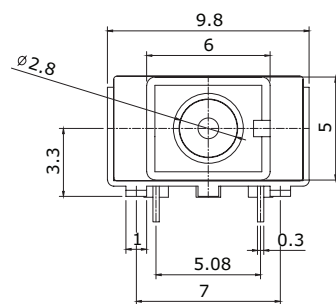


3.3 MM ACTUATOR



ACTUATOR POSITION []: MOMENTARY	
NORMAL	DOWN
ON 2-3	[ON] 2-1
SCHEMATIC	

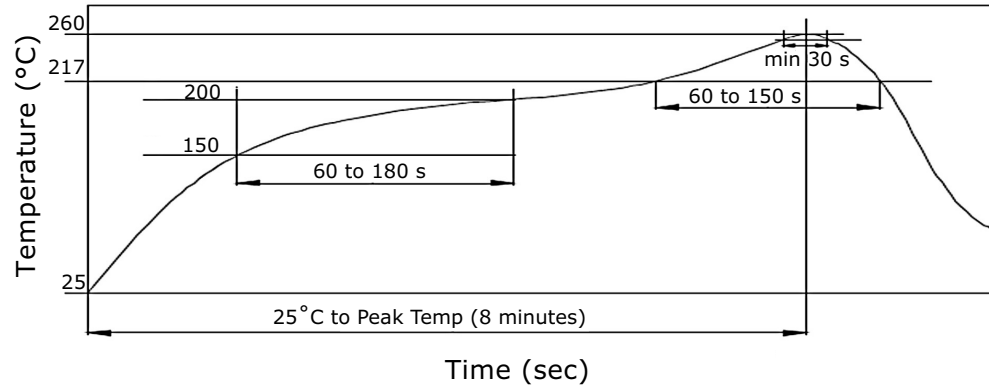
5.4 MM ACTUATOR



Recommended PCB Layout
Top View

SOLDERABILITY

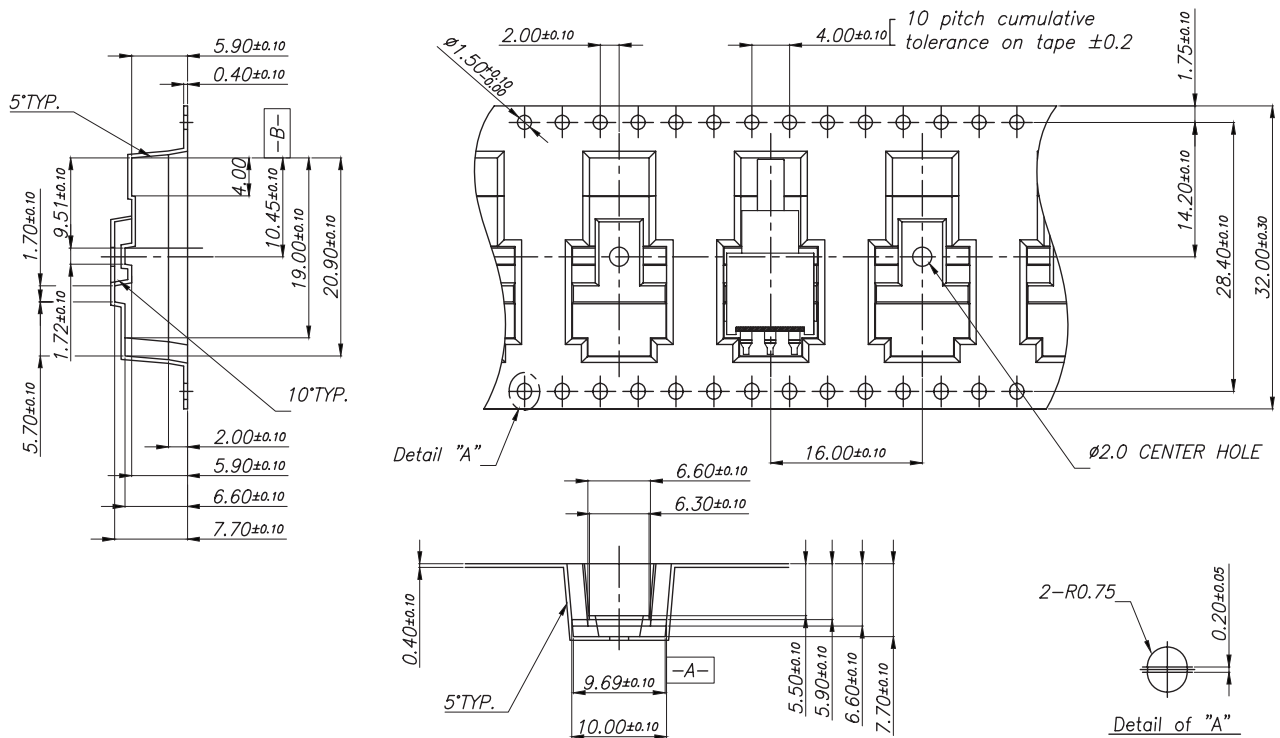
parameter	conditions/description	min	typ	max	units
reflow soldering		255		260	°C



PACKAGING

units: mm

QTY: 500 pcs



REVISION HISTORY

rev.	description	date
1.0	initial release	06/03/2021
1.01	logo, datasheet style update	08/05/2022

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



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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