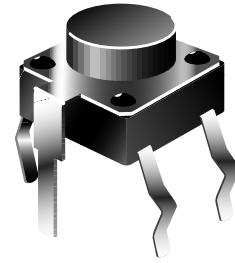


5N Type Light Touch Switch



■ Features

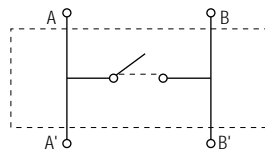
- 6x6mm square body, body thickness 3.2mm
- Push travel 0.25mm, with clear "click" feeling
- Wide selection with or without ground terminals
- Top-push or side-push types with snap-in terminals
- Wave soldering applicable

■ Recommended Applications

- Operating button switches for audio visual, OA, and communications equipment, as well as measurement instrumentation

■ Major Specifications—Snap Action/Push-On Type SPST

Circuit diagram



Power rating	20 mA 15 VDC
Contact resistance	50 m Ω max.
Insulation resistance	50 M Ω min. (at 100 VDC)
Dielectric withstanding voltage	250 VAC for 1 minute

Bouncing	ON: 3 ms max. OFF: 8 ms max.
Push travel	0.25 \pm 0.10mm
Operating force	1.0 \pm 0.4N (100 \pm 40gf) 1.3 \pm 0.4N (130 \pm 40gf) 1.6 \pm 0.5N (160 \pm 50 gf) 2.6 \pm 0.6N (260 \pm 60 gf)
Operating life	100,000 cycles min.* 50,000 cycles min.
Operating temperature	-20 to +70 °C
Storage temperature	-40 to +80 °C

* 1 million cycles also available; consult our sales representative.

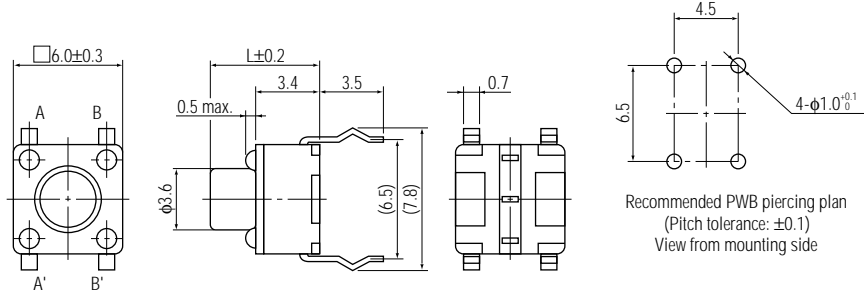
■ Dimensions in mm (not to scale)

No. 1

Japan
Malaysia

Top-push
Without ground terminal

Part No.	Operating Force
EVQPAC	1.0N (100 gf)
EVQPAD	1.3N (130 gf)
EVQPAE	1.6N (160 gf)
EVQPAG	2.6N (260 gf)



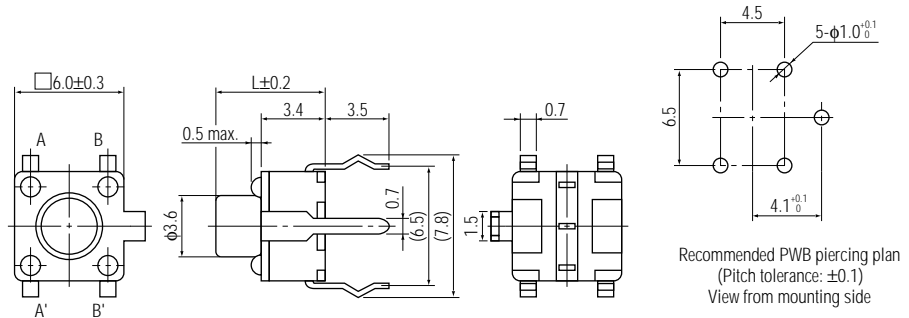
Knob height
L
4.3
5.0
7.0
9.5

No. 2

Japan
Malaysia

Top-push
With ground terminal

Part No.	Operating Force
EVQPBC	1.0N (100 gf)
EVQPBD	1.3N (130 gf)
EVQPBE	1.6N (160 gf)
EVQPBG	2.6N (260 gf)



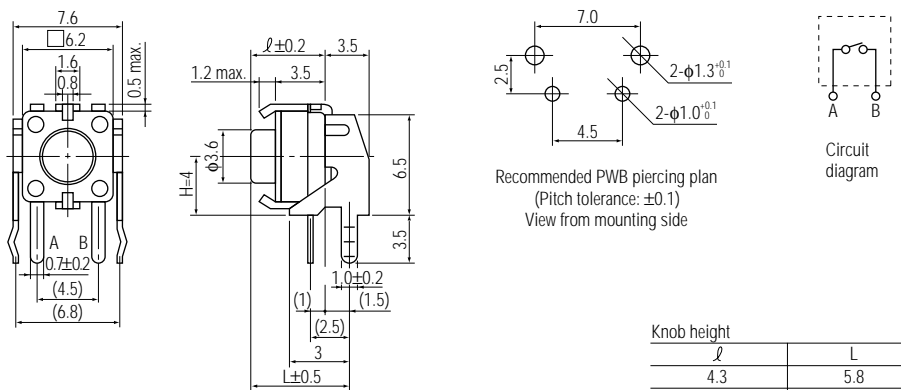
Knob height
L
4.3
5.0
7.0
9.5

No. 3

Japan

Side-push
(Height: 4mm)

Part No.	Operating Force
EVQPF C	1.0N (100 gf)
EVQPF D	1.3N (130 gf)
EVQPF E	1.6N (160 gf)
EVQPF G	2.6N (260 gf)



Knob height	l	L
4.3		5.8
5.0		6.5
7.0		8.5
9.5		11.0

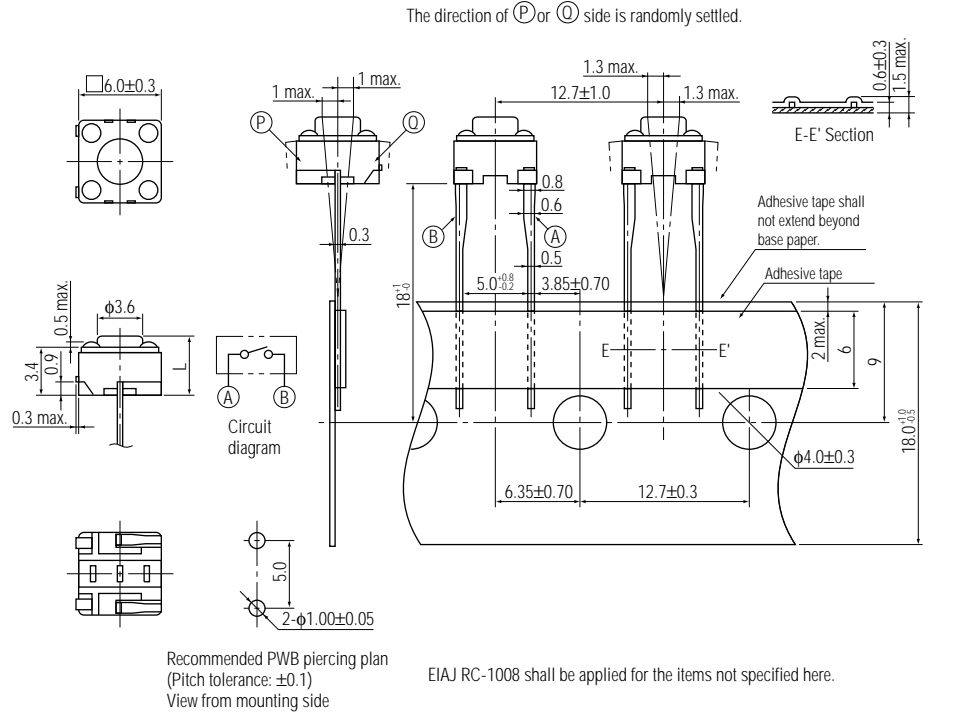
■ Dimensions in mm (not to scale)

No. 4

Japan
Malaysia
China

2-terminal type
Radial taping (EIAJ RC-1008)
Without ground terminal

Part No.	Operating Force
EVO213	1.0N (100 gf)
EVO214	1.3N (130 gf)
EVO215	1.6N (160 gf)
EVO227	2.6N (260 gf)



No. 5

Japan

2-terminal type
Radial taping (EIAJ RC-1008)
With ground terminal

Part No.	Operating Force
EVQ233	1.0N (100 gf)
EVQ234	1.3N (130 gf)
EVQ235	1.6N (160 gf)
EVQ247	2.6N (260 gf)

