

▶ Product Features

- Available for Lock and Non-lock
- Long Travel
- RoHS Compliant



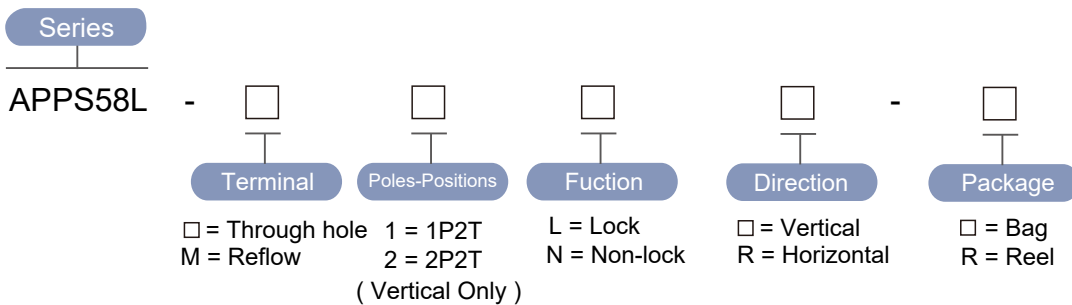
▶ Materials

Part Name	Base	Cover	Stem	Contact	Terminal
Material	PPA	PPA	PPA	Phosphor bronze Ag plated	Brass Ag plated

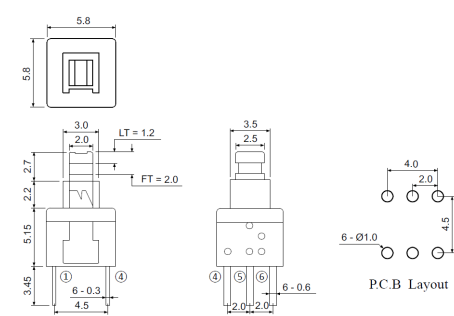
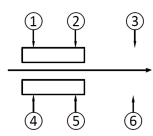
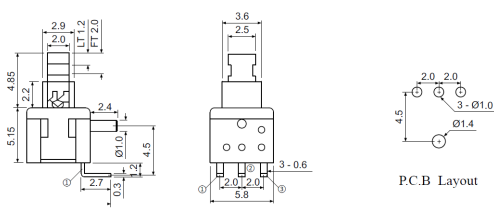
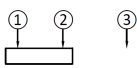
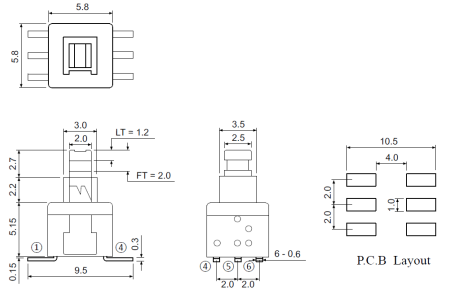
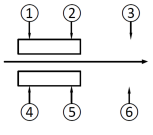
▶ Specification

Operating Force	200gf
Actuator Travel	2.0 ±0.2mm
Operating Temperature Range	-20°C ~ 60°C
Storage Temperature Range	-20°C ~ 75°C
Voltage Rating	200mA, 12VDC
Actuation Life Cycle	10,000 times
Insulation Resistance	100 MΩ min @ 100VDC
Dielectric Strength	250VAC for 1 minute
Contact Resistance	100mΩ max

▶ Part Number



► Diagram

NO.	Dimensions	Circuit
APPS58L-2x	 <p>Technical drawing of APPS58L-2x switch. Top view shows a 5.8x5.8mm square footprint. Side view shows a 3.0mm wide actuator with a 2.0mm stroke (LT=1.2) and a 2.7mm height. The base has a 5.15mm height and a 3.45mm mounting hole offset. PCB layout shows 6 pins with a 4.0mm pitch and 2.0mm spacing between pins 1-2 and 4-5. Pin 3 is 4.5mm from pin 2, and pin 6 is 4.5mm from pin 5. Pin diameter is 0.6mm.</p>	 <p>Circuit diagram for APPS58L-2x. The top configuration shows a normally open (NO) switch with terminals 1, 2, and 3. The bottom configuration shows a normally closed (NC) switch with terminals 4, 5, and 6.</p>
APPS58L-1xR	 <p>Technical drawing of APPS58L-1xR switch. Side view shows a 3.8mm wide actuator with a 2.5mm stroke (LT=1.2) and a 2.2mm height. The base has a 5.15mm height and a 2.7mm mounting hole offset. PCB layout shows 3 pins with a 2.0mm pitch and 2.0mm spacing between pins 1-2 and 3. Pin diameter is 0.6mm.</p>	 <p>Circuit diagram for APPS58L-1xR showing a single switch configuration with terminals 1, 2, and 3.</p>
APPS58L-M2x	 <p>Technical drawing of APPS58L-M2x switch. Top view shows a 5.8x5.8mm square footprint. Side view shows a 3.0mm wide actuator with a 2.0mm stroke (LT=1.2) and a 2.7mm height. The base has a 5.15mm height and a 0.15mm mounting hole offset. PCB layout shows 6 pins with a 10.5mm pitch and 4.0mm spacing between pins 1-2 and 4-5. Pin 3 is 4.5mm from pin 2, and pin 6 is 4.5mm from pin 5. Pin diameter is 0.6mm.</p>	 <p>Circuit diagram for APPS58L-M2x. The top configuration shows a normally open (NO) switch with terminals 1, 2, and 3. The bottom configuration shows a normally closed (NC) switch with terminals 4, 5, and 6.</p>