



Application 應用

- Minitype. Characteristics:small contact gap, quick action, high sensitivity and small operating travel.
超小型，具有微小觸點間隙，快速動作，高靈敏度和微小動作行程的特點。
- Long life, high reliability.
長壽命，高可靠性。
- Widely used in slot machine, computer keyboard and its peripheral equipment, apparatus and instrument ,electronic equopment etc.
廣泛應用於遊戲機、電腦鍵盤及外國設備、儀器儀表、電子設備等。

Specifications 技術特性

Items 項目	Value 特性值
Maximum Rating 最大功率	10mA 12VDC
Contact Resistance 接觸阻抗	1Ω Max. (Initial)
Type of Actuation 動作形式	Momentary
Contact Arrangement 電路形式	S.P.S.T
Operating Force 動作力	See Ordering Guide.
Total OFF Range 全行程	1.5mm Min.
Total ON Range 動作行程	1mm Min.
Pre Travel (PT)	1.5±0.5mm
Total Travel (TT)	3.5±0.5mm
Operating Life 壽命	10,000,000 cycle
Insulation Resistance 絕緣電阻	50MΩ Min. (at DC 250V)
Dielectric Withstanding Voltage 耐電壓	100VAC (50 or 60Hz) /1 min.
Operating Temperature 操作溫度	—25°C~+60°C
Ambient Humidity 相對溼度	80% RH Max.
Soldering Temperature 焊錫溫度	255°C Max.
Duration of Solder Immersion 焊錫時間	5 sec. Max.
Bounce 觸點跳動	5m sec. Max.
Stem Strength 推柄強度	5Kgf.
Weight 重量	About 1.8g

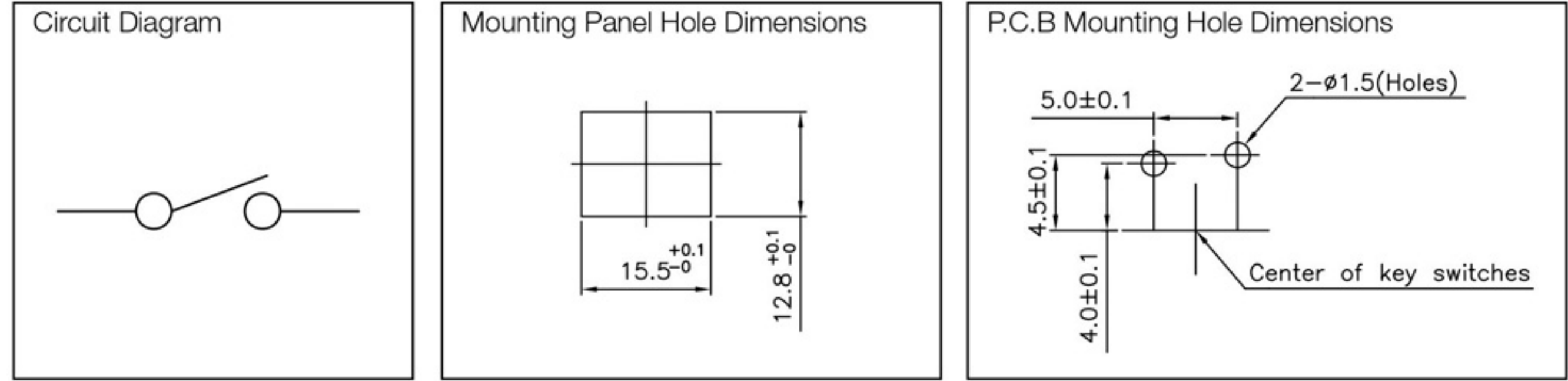
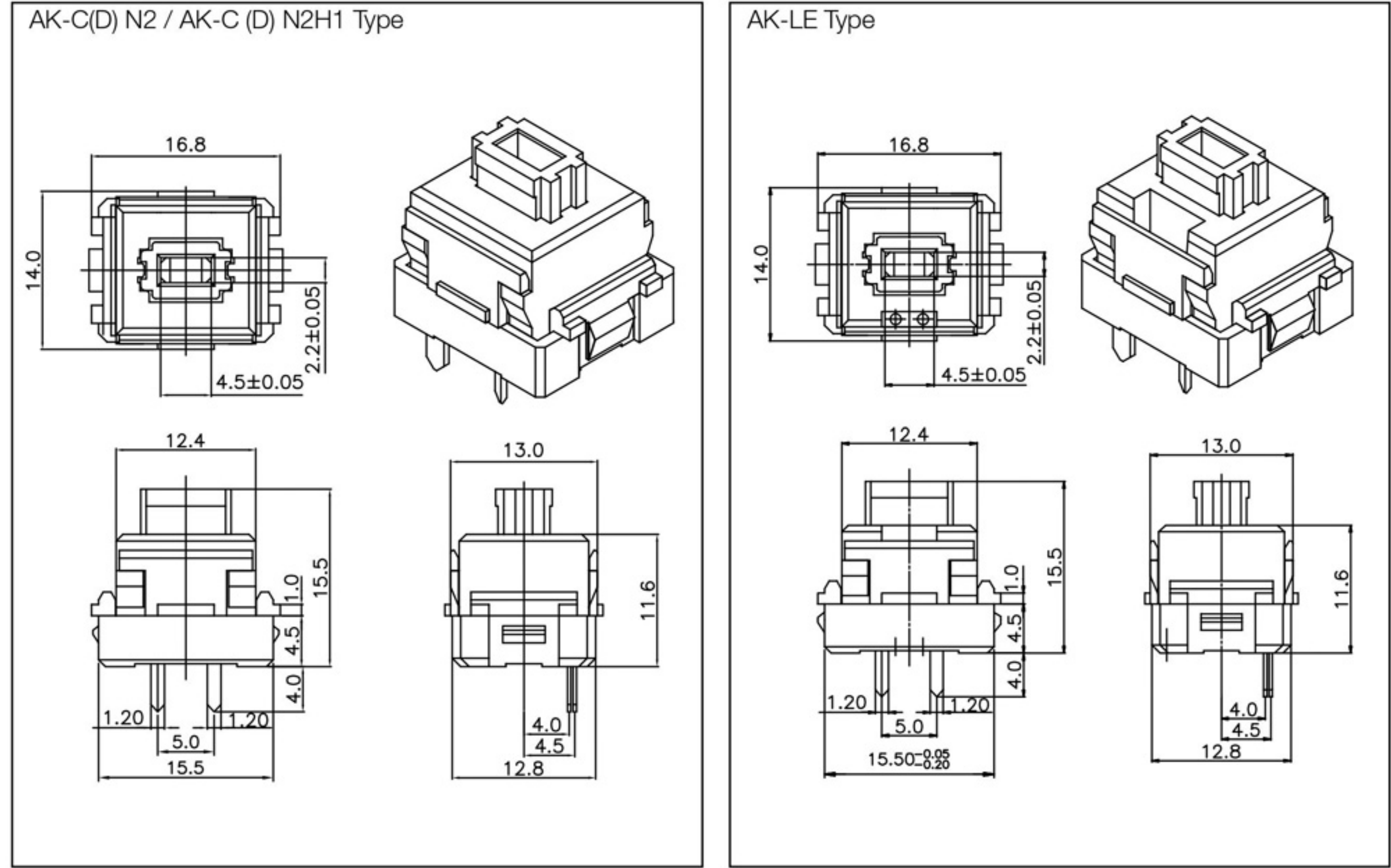
How to Order 型號命名規範

AK	—	CN2				H1
Series Prefix	C O D E	Rating Current	Operating Force	Stem Color	C O D E	Operating Force
	CN2	10mA 12VDC	60gf click	Ivory	H1	145gf click
	DN2		70gf click	Green		
	LE		70gf tactile	Yellow		



Dimension 尺寸

Outline Drawing 外型尺寸





Features 特性

- Switch versions include momentary and alternate action as well as linear or tactile feel.
- 4mm full travel.
- Circuitry S.P.S.T-NO
- Connector pins constructed for machine soldering.
- Switch can be snapped into a frame or mounted directly onto the printed circuit board.
- Low contact resistance

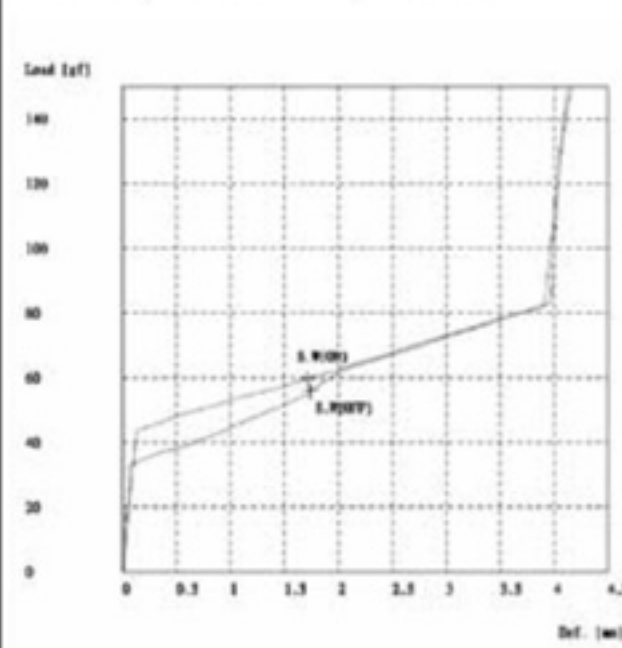
Specifications 技術特性

Items	AX01-B	AX01-R	AX01-T	AX01-C
Working Temperature 工作溫度	-10°C~+70°C	-10°C~+70°C	-10°C~+70°C	-10°C~+70°C
Storage Temperature 儲存溫度	-40°C~+70°C	-40°C~+70°C	-40°C~+70°C	-40°C~+70°C
Total Travel 總行程	4-0.4mm	4-0.4mm	4-0.4mm	4-0.5mm
Start Travel 觸發行程	2.0±0.6mm	2.0±0.6mm	2.0±0.6mm	2.2±0.6mm
Initial force 初始壓力	30g min	30g min	30g min	25g min
Tactile force 觸發壓力	60±15g	45±15g	45±15g	50±15g
Pressure point force 段落壓力	N/A	N/A	55±15g	60±15g
Paragraph Travel 段落行程	N/A	N/A	1.25 mm	1.75 mm
Insulation Resistance 絕緣電阻	≥ 100 MΩ	≥ 100 MΩ	≥ 100 MΩ	≥ 100 MΩ
Contact Resistance 接觸電阻	≤ 200 mΩ	≤ 200 mΩ	≤ 200 mΩ	≤ 200 mΩ
Pressure 耐壓	AC 500V	AC 500V	AC 500V	AC 500V
Solderability 可焊性	260°C / 3~5s.	260°C / 3~5s.	260°C / 3~5s.	260°C / 3~5s.

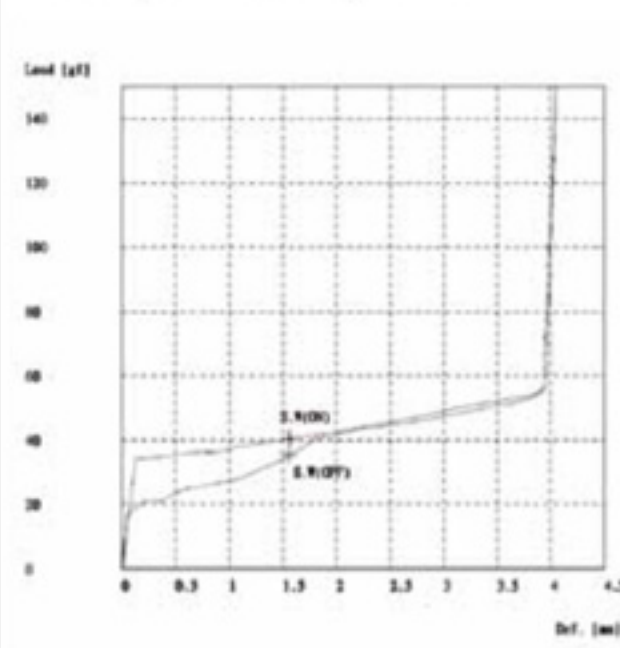
How to Order 型號命名規範

AX	0	1	—	B	1	0	1	W					
Series Prefix													
	C O D E	Number of contacts Function 1 S.P.S.T(NO) Single Pole Single Throw Normally Open		C O D E	Stem Color B Black keystem C Cyan Keystem T Ten keystem R Red keystem	C O D E	Actuating Force(gf) 1 45±15gf 2 55±15gf 3 60±15gf 4 80±15gf	C O D E	Tactile/ NO Tactile 0 NO Tactile 1 Soft Tactile 2 Tactile	C O D E	Operating Life 1 Ten million times 2 Twenty million times 3 Fifty million times	C O D E	Pins N No Pins W With Pins
	C O D E	Contact Current Material 0 10mA/max12Vmax. Ag											

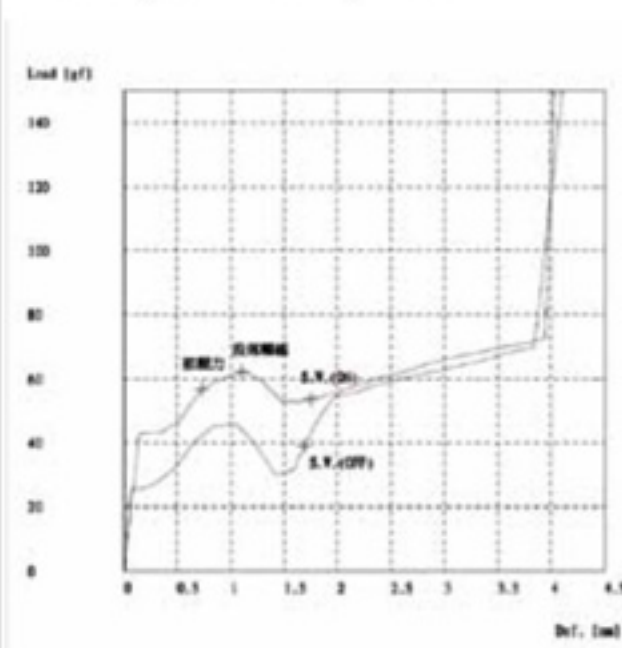
AX01 (No Tactile) Black



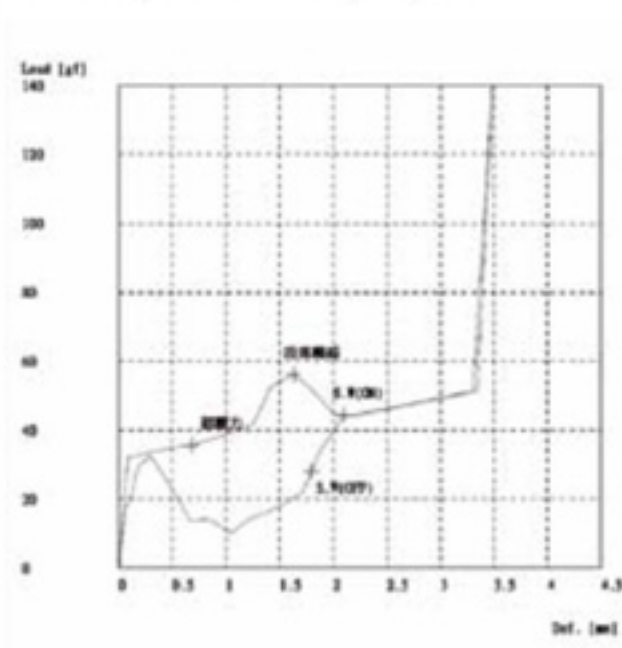
AX01 (No Tactile) Red



AX01 (No Tactile) Tea



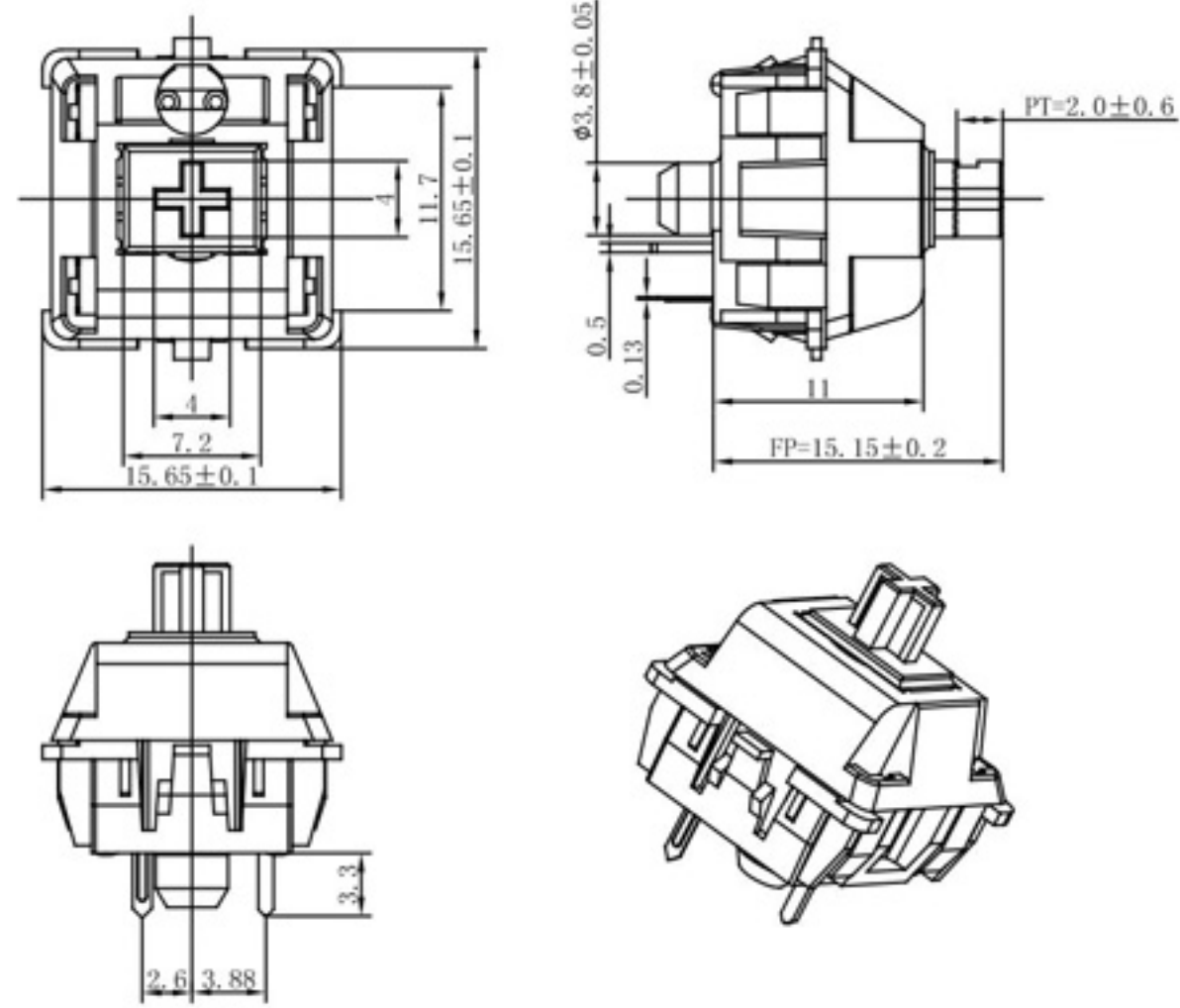
AX01 (No Tactile) Cyan



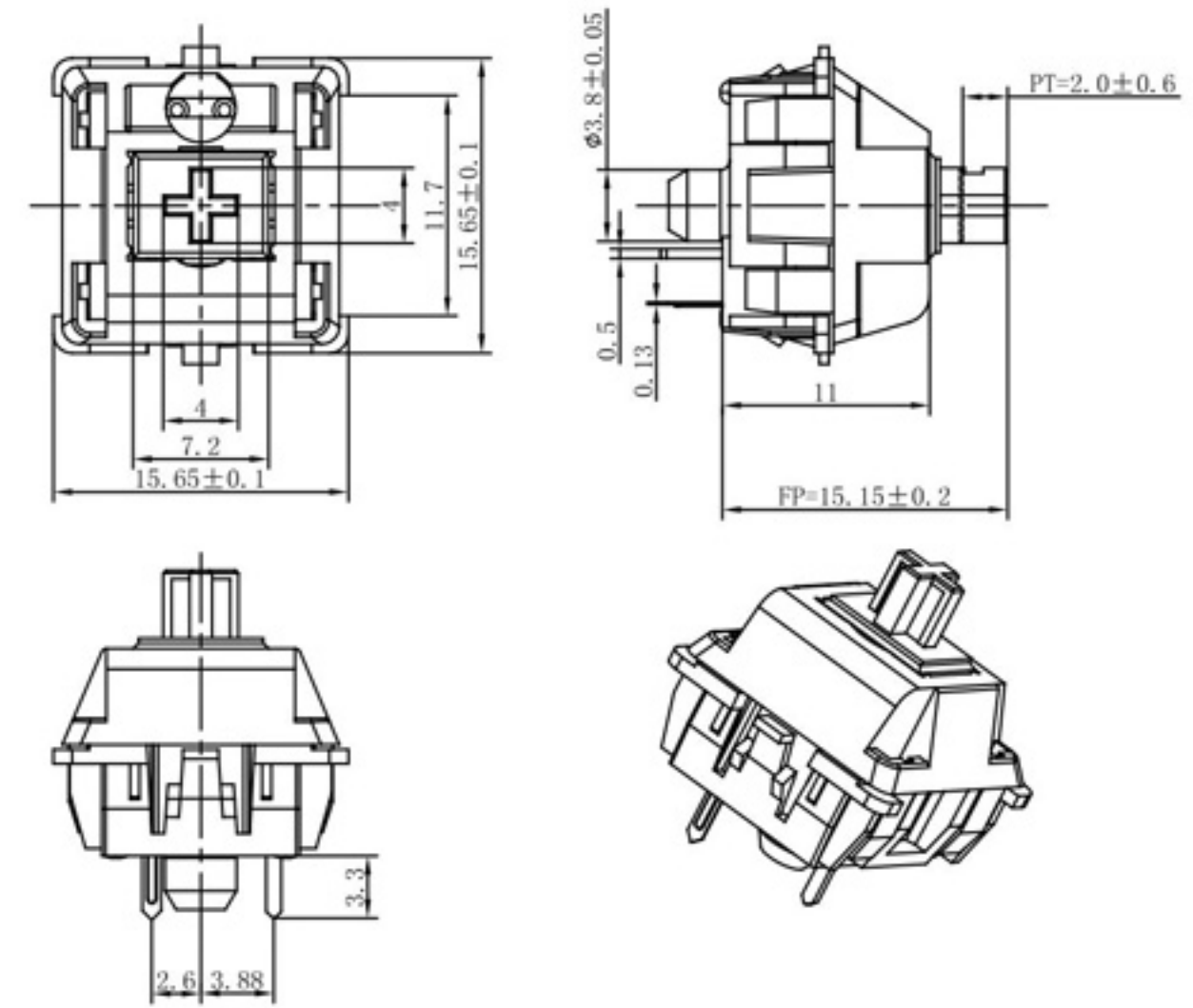
Dimension 尺寸

Outline Drawing 外型尺寸

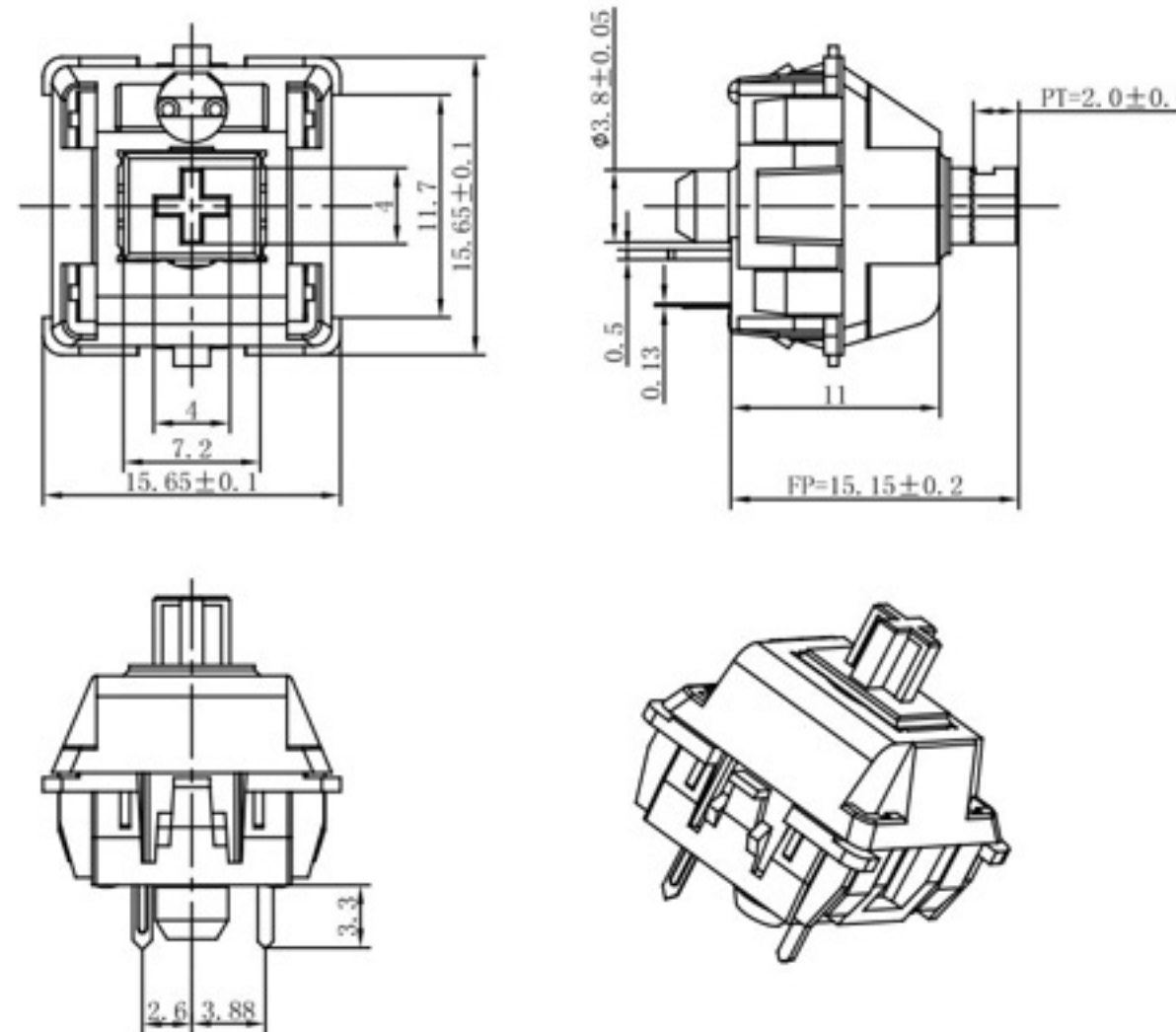
AX01-B



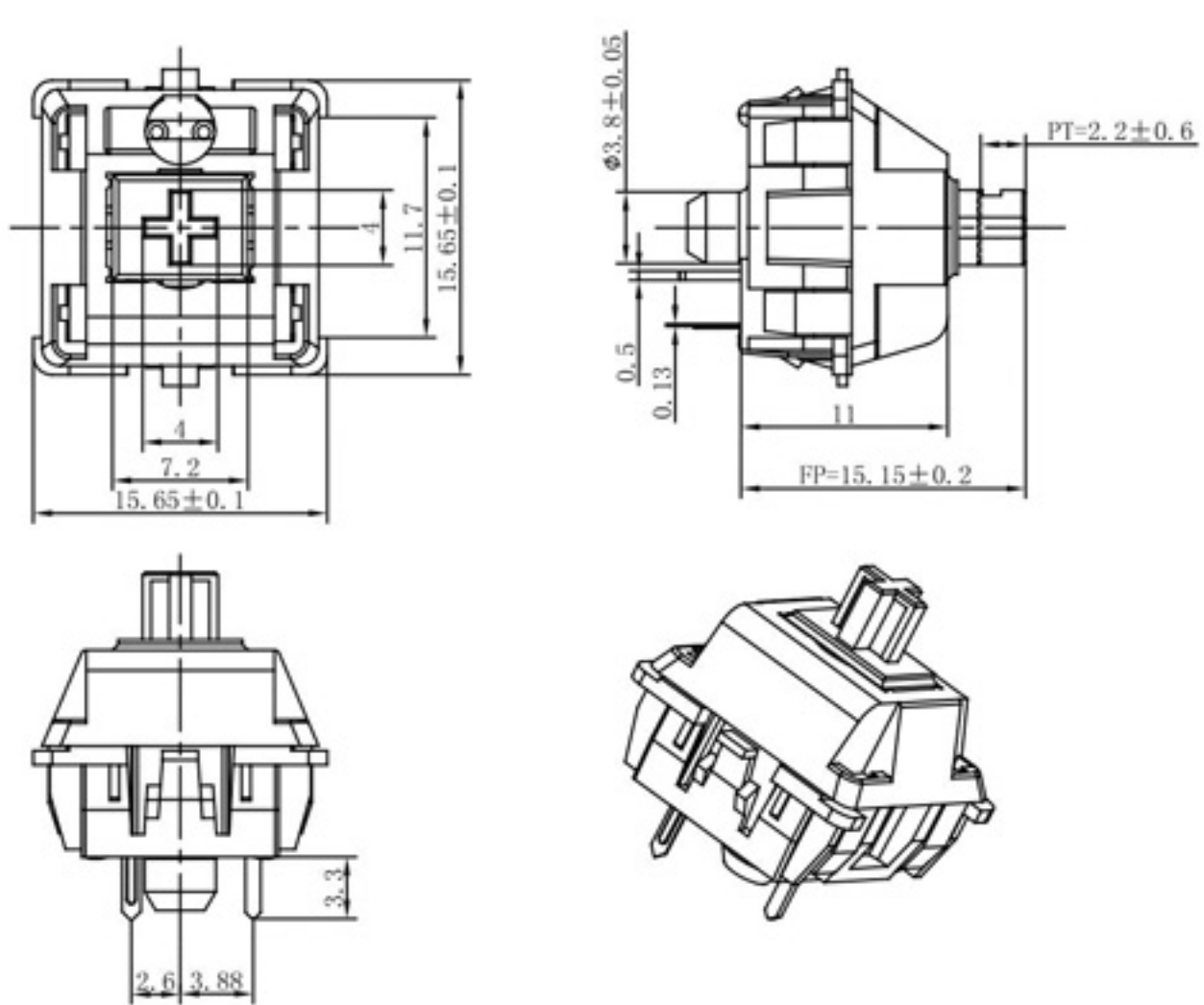
AX01-R



AX01-T



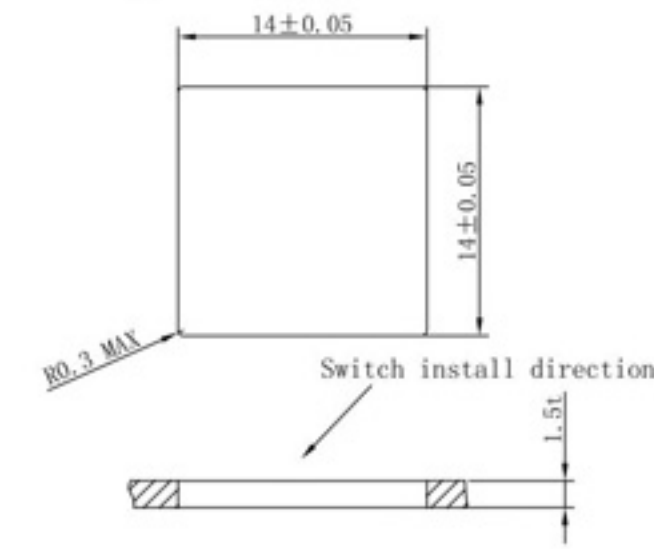
AX01-C



Circuit Diagram



Mounting Panel Hole Dimensions



P.C.B Mounting Hole Dimensions

