

NEW

ZPA Series Surface Mount Snap-acting Switches

Features/Benefits

- **Reliable snap-acting mechanism**
- **Long electrical and mechanical life**
- **Mini packaging size**
- **Surface mount terminations**
- **RoHS compatible & compliant**

Typical Applications

- **PCB detection switch**
- **Communication devices**
- **Testing equipment**
- **Security/Alarm systems**
- **Consumer electronics**



Specifications

CONTACT RATING: 0.1A @ 125 V AC 30 V DC
ELECTRICAL LIFE: 1,000,000 cycles @ 0.1A
MECHANICAL LIFE: 1,000,000 cycles
INSULATION RESISTANCE: 100 M ohm min.
DIELECTRIC STRENGTH: 500 Vrms
OPERATING TEMPERATURE: -40°C to +85°C
STORAGE TEMPERATURE: -45°C to +85°C
OPERATING FORCE: 80 or 150 grams

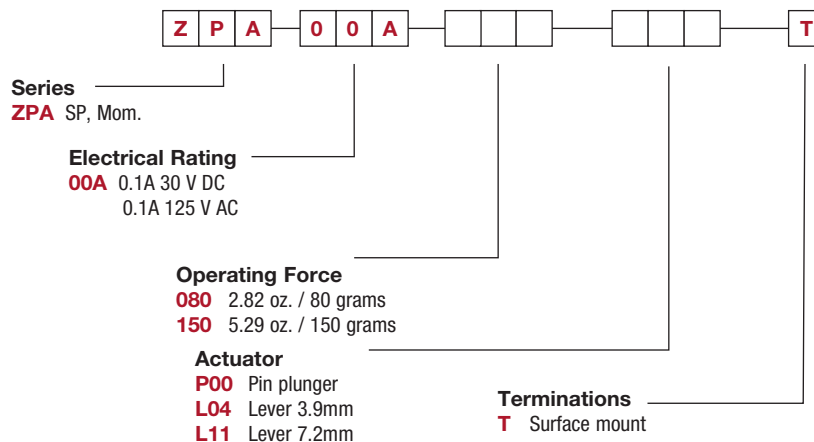
Materials

CASE/COVER: LCP
ACTUATOR: LCP
MOVABLE CONTACT: Silver alloy
STATIONARY CONTACTS: Silver alloy
TERMINALS: Brass, silver plated.

NOTE: Specifications and materials listed above are for switches with standard options.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center.

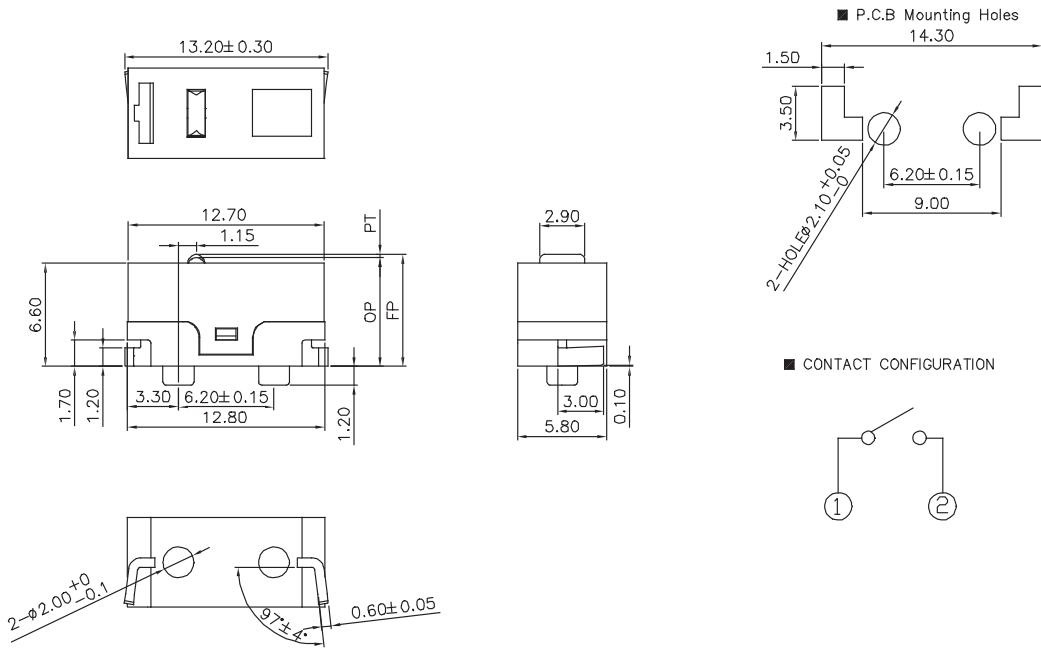


ZPA Series Surface Mount Snap-acting Switches

NEW

SERIES

ZPA SURFACE MOUNT SNAP-ACTING SWITCHES – SP MOMENTARY



ELECTRICAL RATING

Option Code	Silver Contacts
00A	0.1A 30 V DC 0.1A 125 V AC

OPERATING FORCE

OPTION CODE	BASIC SWITCH OPERATING FORCE (OZ./GRAMS)
080	2.82 80
150	5.29 150



Third Angle
Projection

Dimensions are shown: mm
Specifications and dimensions subject to change

C&K

15 Apr 20

J-78

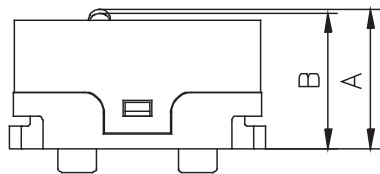
www.ckswitches.com

NEW

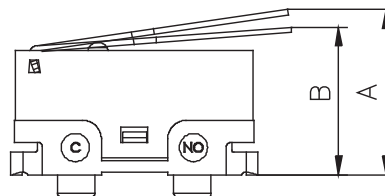
ZPA Series Surface Mount Snap-acting Switches

ACTUATOR

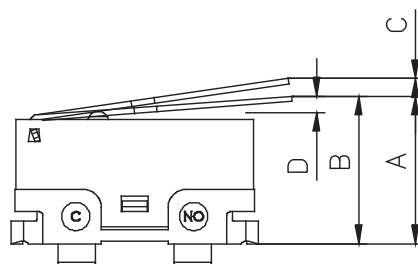
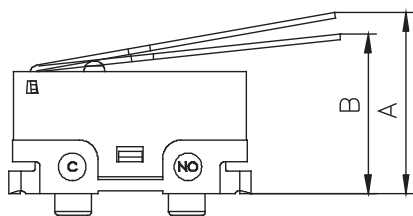
P00 PIN PLUNGER



L04 LEVER
3.9MM



L11 LEVER
7.2MM



SWITCH CHARACTERISTICS

OPTION CODE	ACTUATOR	OPE. FORCE MAX.	REL. FORCE MIN.	'A' FP MAX	'B' OP MAX	'C' PT MAX	'D' OT MIN	MOVEMENT DIFFERENTIAL
80	P00	Max. 80 gf	Min. 21 gf	Max. 7.35mm	7.0±0.2 mm	Max. 0.62 mm	Min. 0.2 mm	Max. 0.12 mm
	L04	Max. 30 gf	Min. 5 gf	Max. 10.1 mm	7.9±0.8 mm	Max. 3.0 mm	Min. 0.6 mm	Max. 0.8 mm
	L11	Max. 25 gf	Min. 4 gf	Max. 11.7 mm	8.68±1.0 mm	Max. 4.4 mm	Min. 0.6 mm	Max. 0.8 mm
150	P00	Max. 150 gf	Min. 35 gf	Max. 7.35 mm	7.0±0.2 mm	Max. 0.62 mm	Min. 0.2 mm	Max. 0.12 mm
	L04	Max. 50 gf	Min. 8 gf	Max. 10.1 mm	7.9 ± 0.8 mm	Max. 3.0 mm	Min.0.6 mm	Max. 0.8 mm
	L11	Max. 39 gf	Min. 6 gf	Max. 11.7 mm	8.68 ±1.0 mm	Max. 4.4 mm	Min. 0.6 mm	Max. 0.8 mm



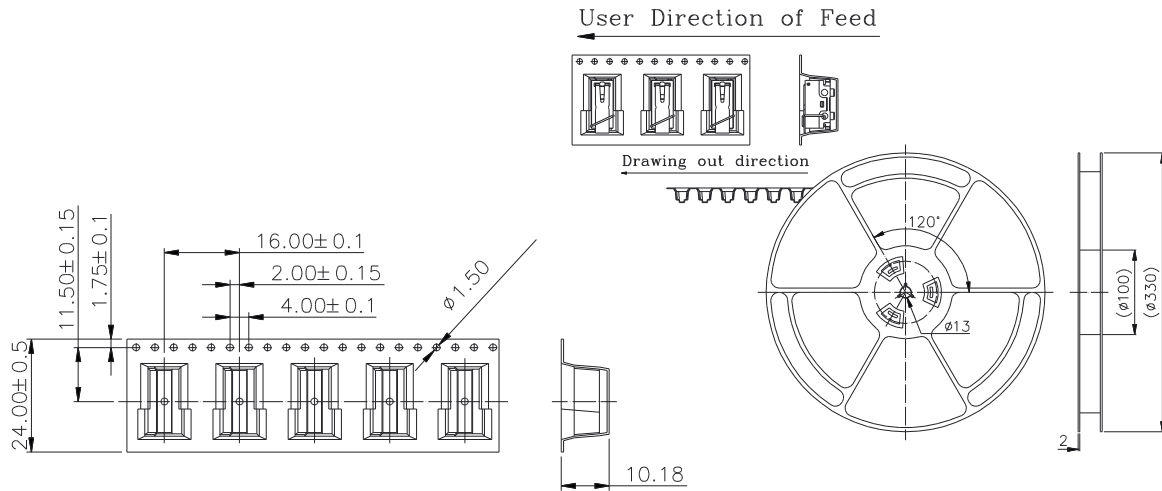
Snap-acting



Third Angle
Projection

Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

TAPE AND REEL



Package: 400pcs/ reel

Snap-acting