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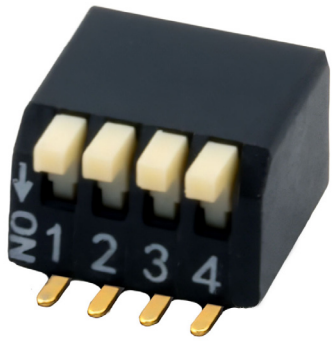
Additional Resources: Product Page

SERIES: DS06-127-SMT | DESCRIPTION: DIP SWITCH

FEATURES

- 1.27 pitch
- tape and reel
- long and short pins



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage (per pole)	switching non-switching			24 50	Vdc Vdc
rated current (per pole)	switching non-switching			25 100	mA mA
withstanding voltage	for 1 minute		300		Vac
contact resistance	initial after life test			100 200	mΩ mΩ
insulation resistance	at 100 Vdc	100			MΩ
operating force				800	g
operating temperature		-20		85	°C
storage temperature		-40		85	°C
life		2000			cycles
flammability rating	UL94V-0				
RoHS	yes				

PART NUMBER KEY

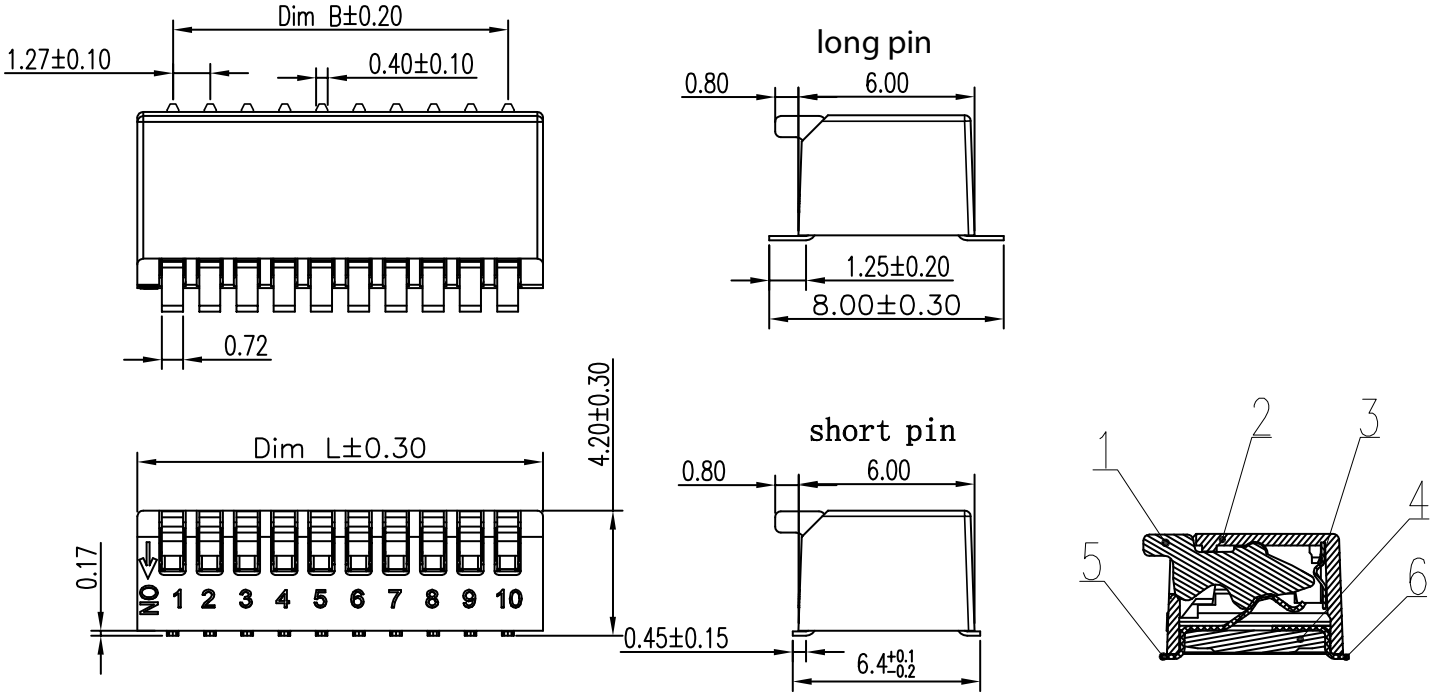
DS06 - 127 - XX - XX BK - SMT - TR

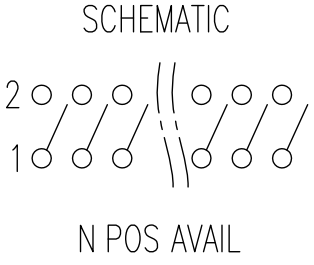
- DS06 - 127: Base Number
- XX: Pin Length: 1S = Short Pins, 1L = Long Pins
- XX: No. of Poles: 02, 04, 06, 08

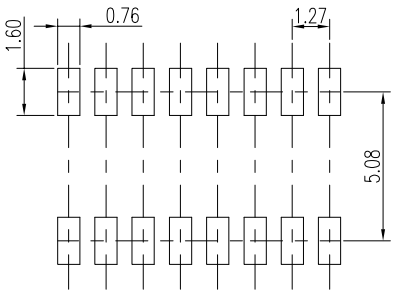
MECHANICAL DRAWING

units: mm
tolerance:
0.0<X≤6.0: ±0.05 mm
6.0<X≤30.0: ±0.08 mm
30.0<X≤53.0: ±0.12 mm
53.0<X≤70.0: ±0.15 mm
70.0<X≤90.0: ±0.20 mm
90.0<X≤115.0: ±0.25 mm
X>140.0: ±0.30 mm
unless otherwise noted

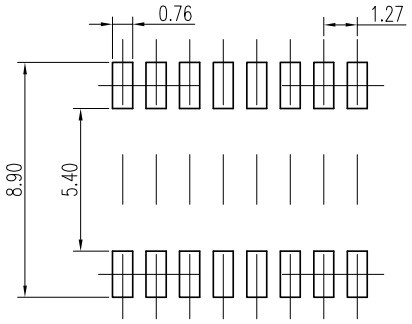
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	actuator	PA9T (UL94V-0)	white
2	housing 1	PA9T (UL94V-0)	black
3	spring	steel	---
4	housing 2	PA9T (UL94V-0)	black
5	pin 1	copper alloy	gold
6	pin 2	copper alloy	gold







Short Pin Models



Long Pin Models

Recommended PCB Layout
Top View

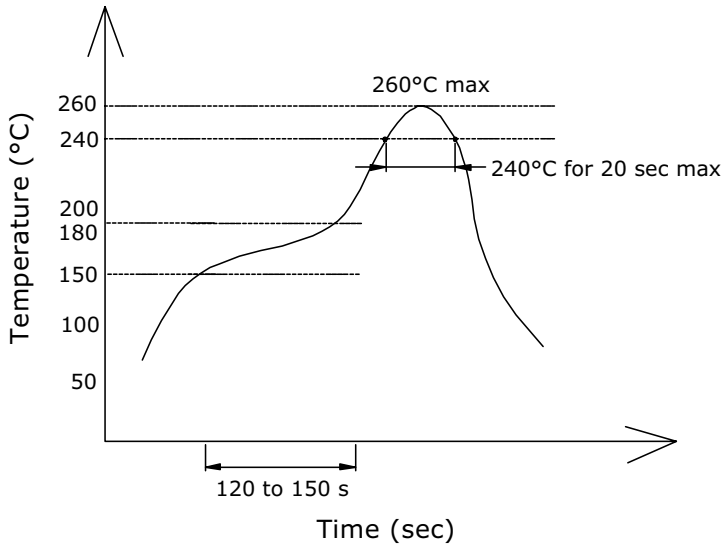
This series is constructed of single piece modules where L is the total length, P is the pitch, and N is the number of poles.

N	02	04	06	08
L	3.68	6.22	8.76	11.30
B	1.27	3.81	6.35	8.89

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering[1]	for maximum 3 seconds	315	320	325	°C
reflow soldering[1]	240~260 °C (20 seconds max)			260	°C

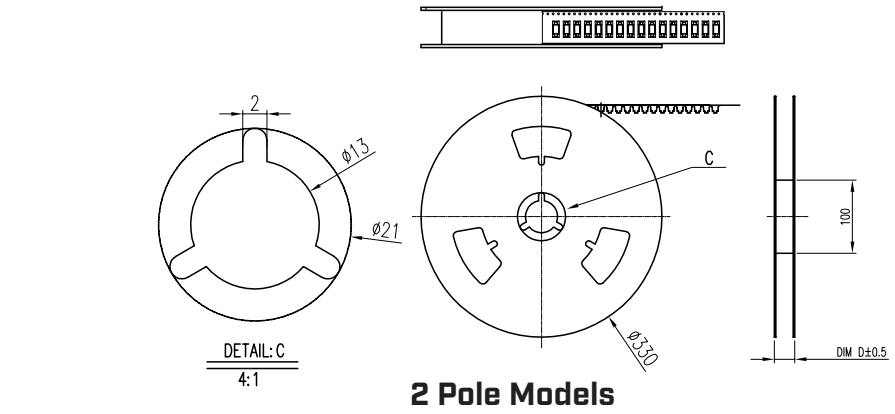
Notes: 1. Keep in "off" position during soldering.



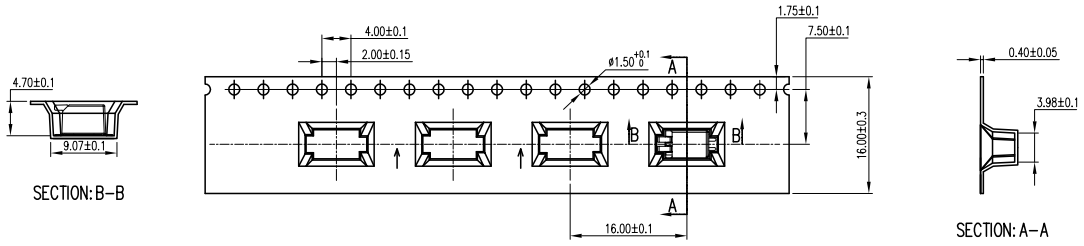
PACKAGING

units: mm

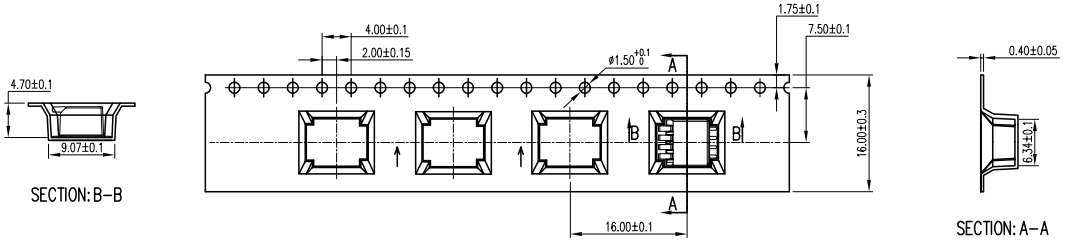
Reel Size: Ø330 mm
Reel QTY: 800 PCS



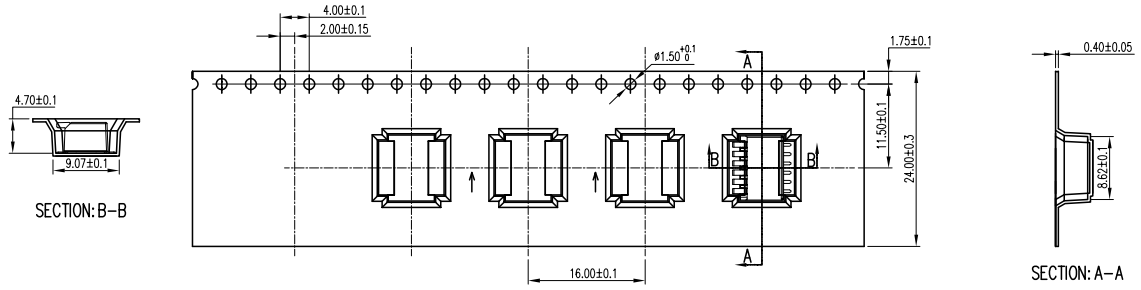
2 Pole Models



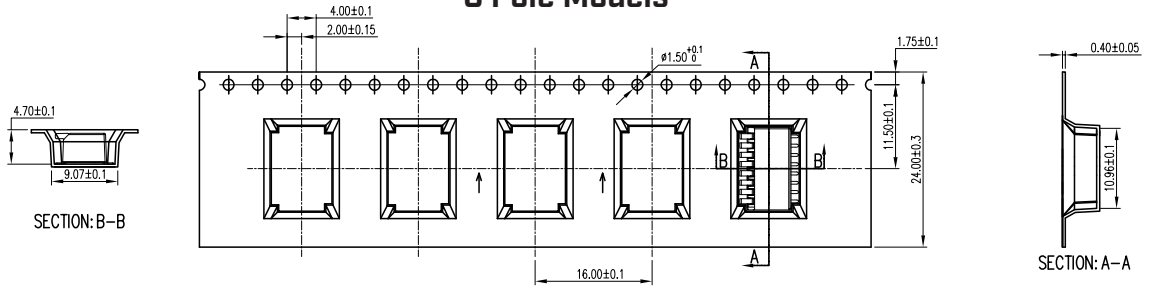
4 Pole Models



6 Pole Models



8 Pole Models



REVISION HISTORY

rev.	description	date
1.0	initial release	09/09/2026

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

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