

date 01/18/2024

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MODEL: CPG-06-TH-TR | DESCRIPTION: POGO PIN

FEATURES

- pogo pin
- through hole
- gold plated
- 3 mm recommended working height





SPECIFICATIONS

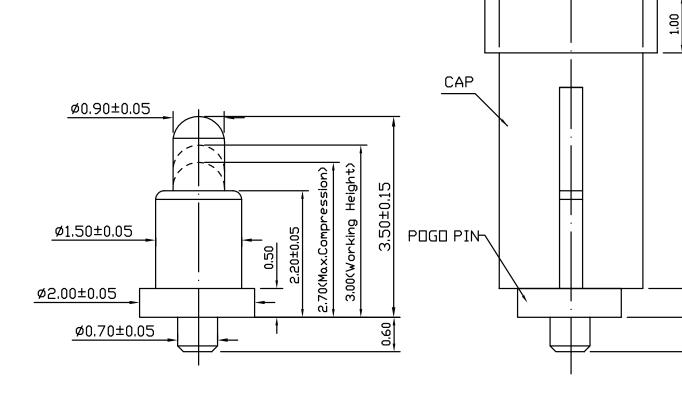
parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				1	А
contact resistance	at working height			50	mΩ
force at mid stroke	at working height	30	40	50	gf
initial force			30		gf
mid stroke			0.5		mm
full stroke			0.8		mm
working height			3		mm
life		10,000			cycles
operating temperature		-20		85	°C
RoHS	yes				

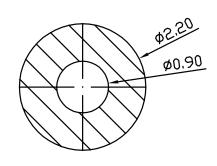
MECHANICAL DRAWING

units: mm tolerance: X≤10: ±0.10 mm 10<X≤20: ±0.15 mm PCB: ±0.05 mm unless otherwise noted

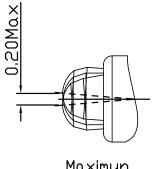
DESCRIPTION	MATERIAL	PLATING/COLOR	
barrel	brass alloy	10 µ" min gold over 50~120 µ" nickel	
plunger	brass alloy	ss alloy 20 μ " min gold over 50~120 μ " nickel	
spring	SUS304	3 µ" min gold over 50~120 µ" nickel	

Ø3.00 Ø2.50

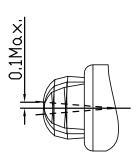




Recommended PCB Layout Top View



Maximun skewness



2,60

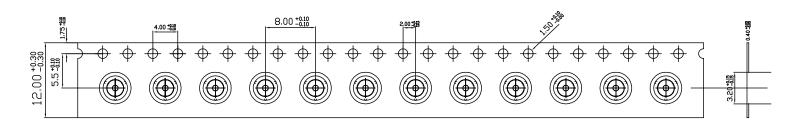
6.20±0.30

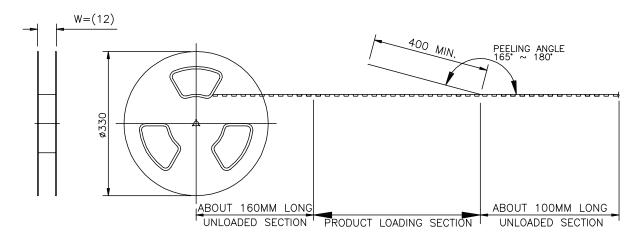
Contact point reference

PACKAGING

units: mm

Reel Size: Ø330 mm Reel QTY: 1,200 pcs per reel







USER DIRECTION OF UNREELING

REVISION HISTORY

rev.	description	date
1.0	initial release	01/18/2024

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



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