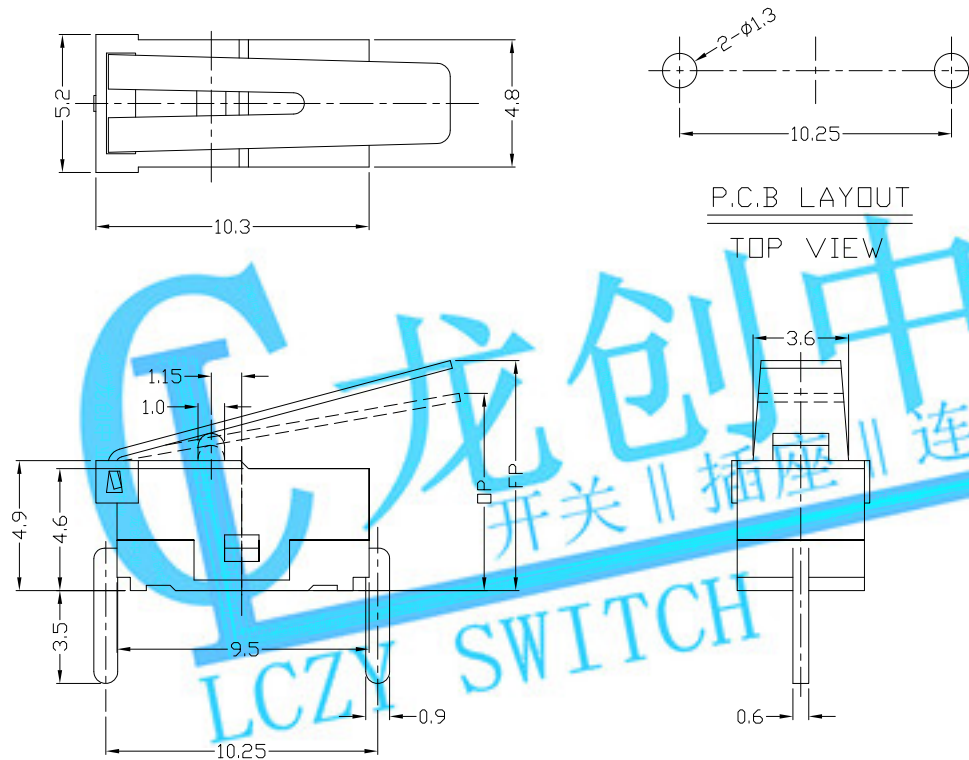




RoHS
Compliant
2002/95/EC

REV.	ECN.	NO.	APPD.

DIMENSIONS



P.C.B LAYOUT
TOP VIEW

MODEL CODE

DS030-01X-30
1 2 3 4



CIRCUIT DIAGRAM

- 1.Series : DS030
- 2.Actuator Button : 00=Non-lever 01-99=Lever
- 3.Termination : see chart (P/C/D)
- 4.Operating Force : see chart

1.Functional spec

1.1 Rated Voltage	DC48V/AC125V
1.2 Rated Current	0.1A
1.3 Contact Resistance	≤300mΩ(Initial value)
1.4 Operating Force	30±15gf
1.5 Bounce Time	
1.6 Free Position	8.0±0.8mm
1.7 Operating Position	6.7±0.8mm
1.8 Position Travel	
1.9 Return Force	

2.Reliable Rating

2.1 Mechanical Life	1,000,000 CYCLES
2.2 Electrical Life	1,000,000 CYCLES
2.3 Insulation Resistance	≥100MΩ DC250V
2.4 Withstand Voltage	AC250V 1 minute
2.5 Soldering Technic	Hand Soldering
2.6 Operating Temper	-15°C ~ +55°C
2.7 Ambient Humidity Used	<85%RH

Tolerance:±0.2		UNITS mm	LONGCHUANG ZHONGYE (HK)CO.,LIMITED			
		MAT'L				
		SEE NOTE	TITLE: Miniature MICRO SWITCH DS030 SERIES		PART NO.: DS030-01P-30	
		FINISH SEE NOTE	DR: <i>Ricky</i> 2017/7/18		DWG NO.: ATD-01X-30	
		Q'TY	CHKD: <i>Ricky</i> 2017/7/18		SCALE 1:1	SHEET 1/2
			APPD:		REV. A	CUSTOMER DRAWING

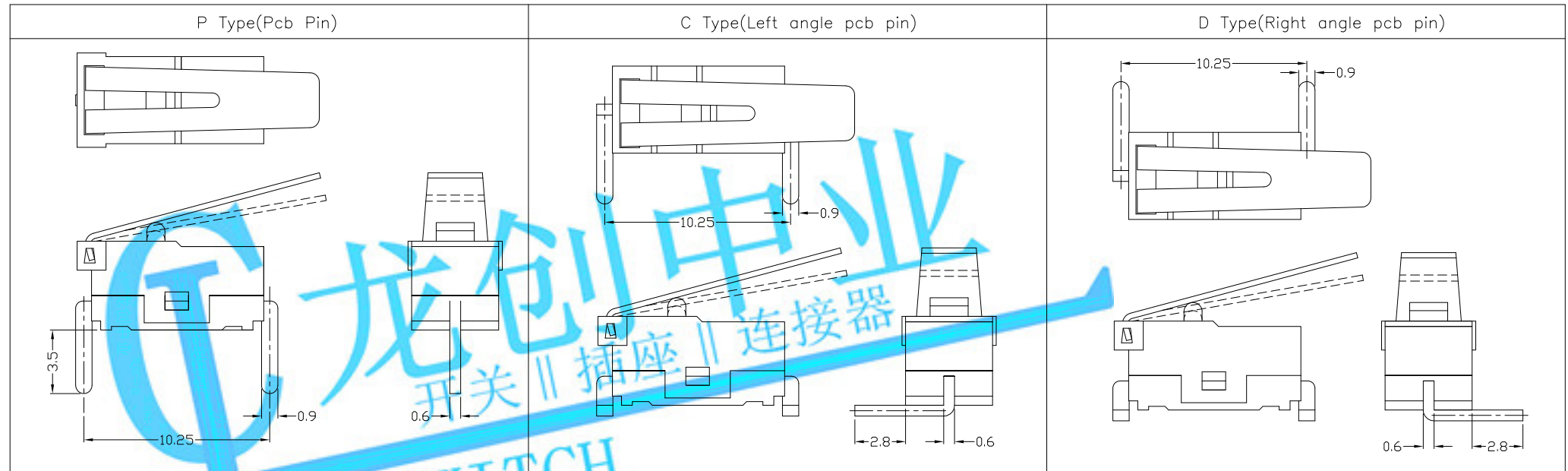
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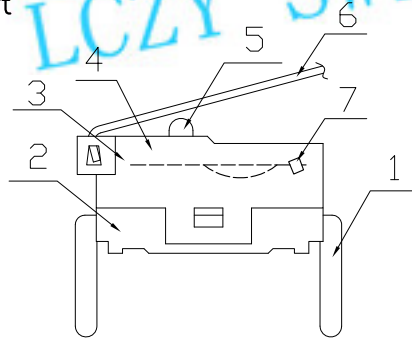
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REV.	ECN.	NO.	APPD.

Terminal Type



Structure chart



Material list

NO.	PARTS	MATERIAL	Q'TY	FINISHING	Tolerance:±0.2	UNITS mm	LONGCHUANG ZHONGYE (HK)CO.,LIMITED			
8	Contact	Silver alloy	1				SEE NOTE	TITLE:		PART NO.:
7	Lever	SUS301	1					Miniature MICRO SWITCH DS030 SERIES		DS030-01X-30
6	Button	Nylon	1				SEE NOTE	DR: <i>Ricky</i> 2017/7/18		DWG NO.:
5	Spring Plate	C1720	1					CHKD: <i>Ricky</i> 2017/7/18		ATD-01X-30
4	Case	Nylon	1				Q'TY	APPD:		SCALE
3	Base	Nylon	1							SHEET
2	Terminal	C2680	2							REV.
1										CUSTOMER
										DRAWING