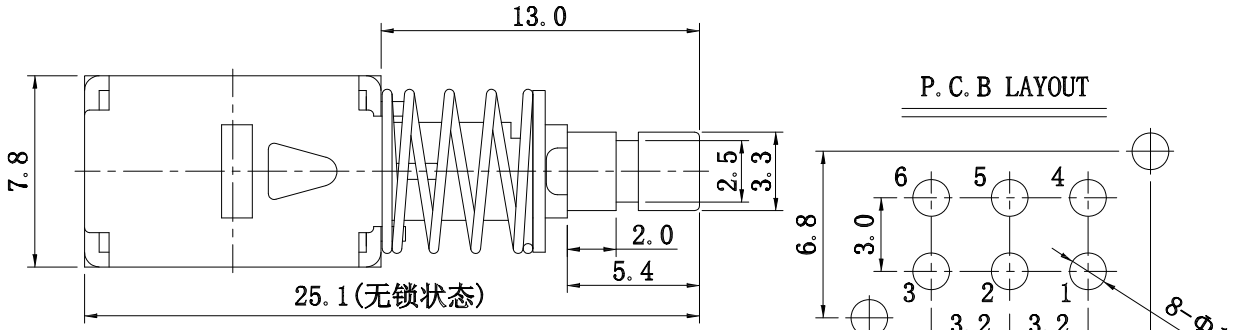
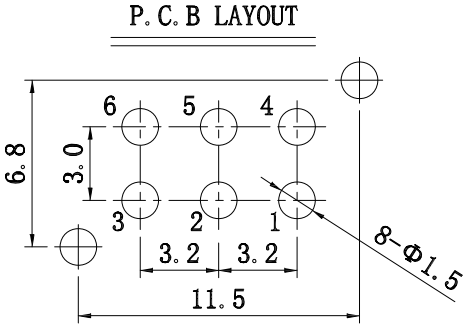
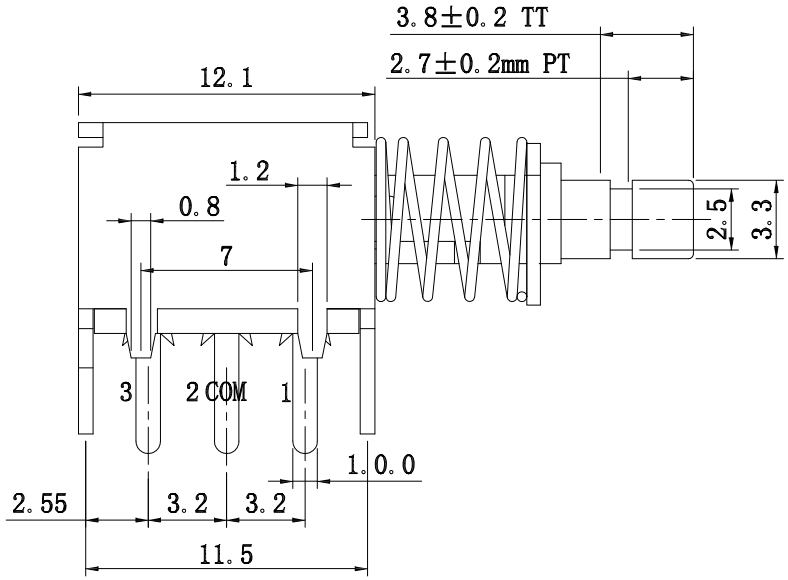
DWG. NO. SW-4908-A REV. "-"

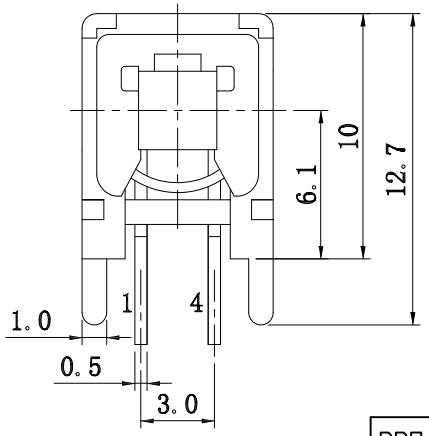
PART NO. RPS-24-NL



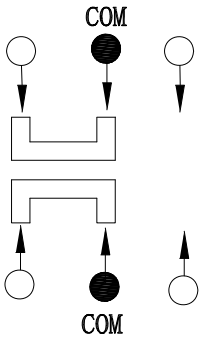
P.C.B LAYOUT







SCHEMATIC



1. FUNCTIONAL APES	
1.1 RATED VOLTAGE	DC 30 V
1.2 RATED CURRENT	2.0 A
1.3 CONTACT RESISTANCE	≤ 50mΩ(Initial value)
1.4 OPERATING FORCE(OF)	300 ± 100 gf
1.5 BOUNCE TIME (BT)	
1.6 FREE POSITION (FP)	
1.7 OPERATING POSITION	
1.8 POSITION TRAVEL	2.7±0.3 mm
1.9 TOTAL TRAVEL	3.8±0.3 mm
2. RELIABLE RATING	
2.1 MECHANICAL LIFE	10,000 CYCLES
2.2 ELECTRICAL LIFE	10,000 CYCLES
2.3 INSULATION RESISTANCE	≥ 100MΩ DC250V
2.4 WITHSTAND VOLTAGE	AC250V 1 MINUTE
2.5 SOLDERING FROCESS	HAND SOLDERING
2.6 OPERATING TEMPER	-10°C ~ +60°C
2.7 AMBIENT HUMIDITY USED	<85%RH

ECN#	DATE	SYM	REVISION RECORD	AUTH	BY

PROJECTION

SCALE N/A

TOLERANCE EXCEPT AS NOTED

DEC. MILLIMETERS .X±0.30 .XX±0.15

ANG. .X±1°

RDI Research Develop Innovate

RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco, NY 10549

TITLE: Pushbutton switch, latching, RoHS Compliant

DR.	DATE	REF.	SHEET
Tina	07/09/19	P/N: RPS-24-NL	1 OF 1

CK.	PRE-	DRAWING NO.	SIZE	REV.
BM	SW	4908	A	-

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