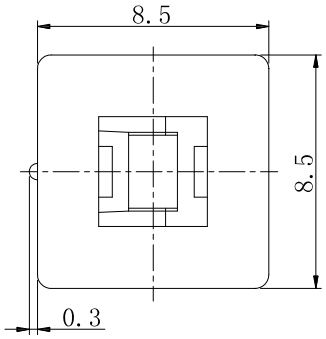
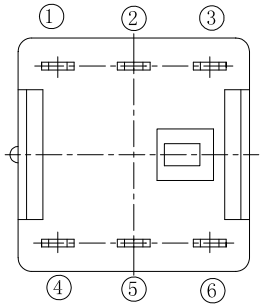
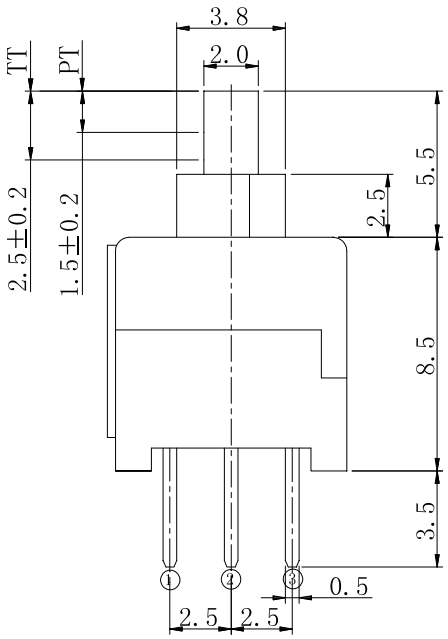
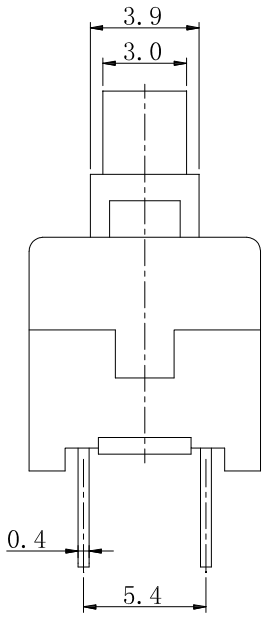
DWG. NO. SW-4901-A REV. "-"

PART NO. RPS-02L-NL

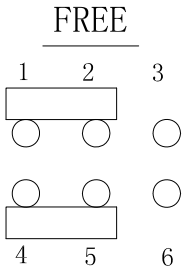


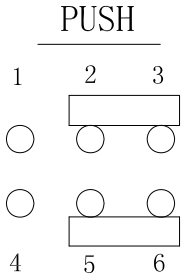






SCHEMATIC





1. FUNCTIONAL APES	
1.1 RATED VOLTAGE	30 / 16 VDC
1.2 RATED CURRENT	0.3 / 0.5 A
1.3 CONTACT RESISTANCE	≤ 50mΩ(Initial value)
1.4 OPERATING FORCE(OF)	200 ± 80 gf
1.5 BOUNCE TIME (BT)	
1.6 FREE POSITION (FP)	
1.7 OPERATING POSITION	
1.8 POSITION TRAVEL	1.5±0.2 mm
1.9 RETURN FORCE	2.5±0.2 mm
2. RELIABLE RATING	
2.1 MECHANICAL LIFE	100,000 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	-25°C ~ 65°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 PCB pushbutton switch, DPDT, locking, RoHS Compliant

DR.	DATE	REF.	SHEET
Tina	07/08/19	P/N: RPS-02L-NL	1 OF 1

CK.	PRE-	DRAWING NO.	SIZE	REV.
BM	SW	4901	A	-

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