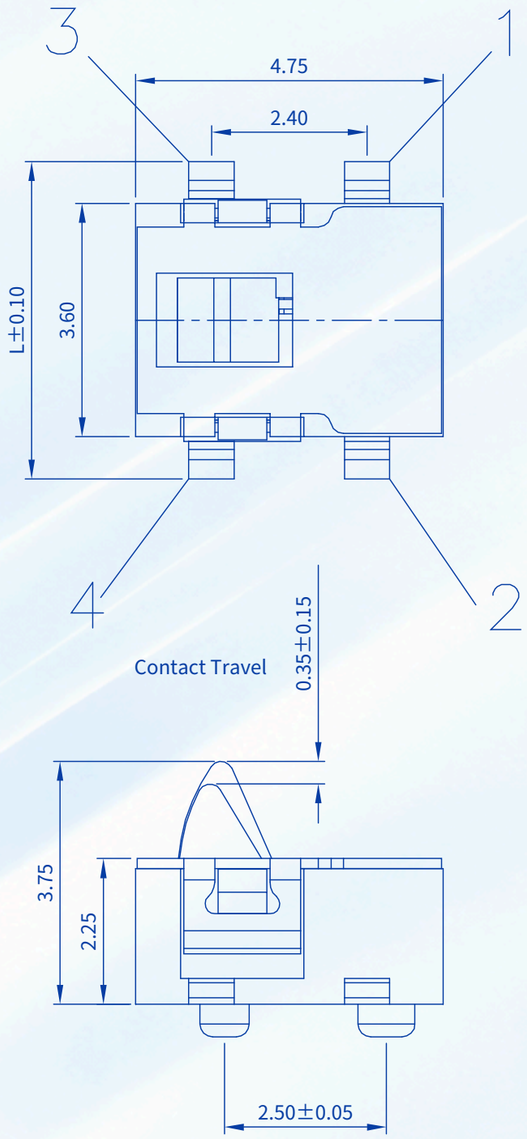
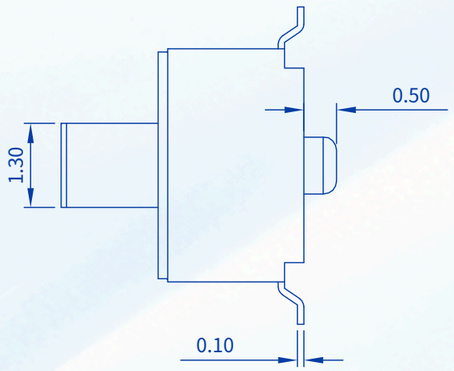
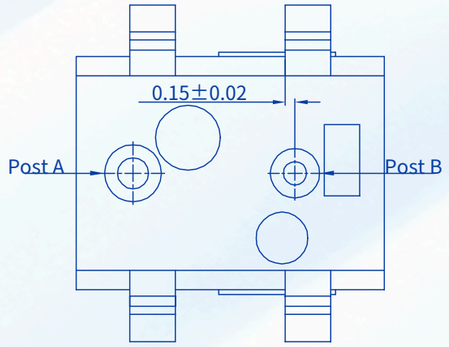
RoHS Compliant

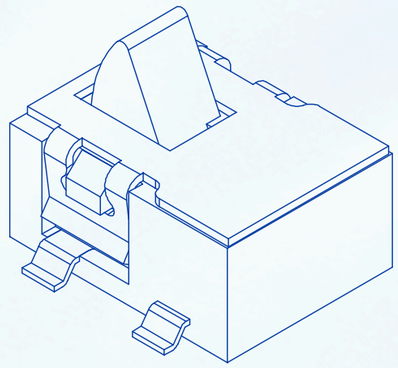
REVISION HISTORY

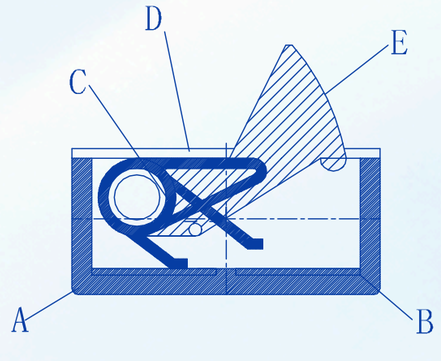
REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG		



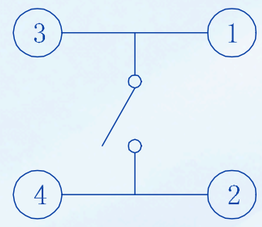


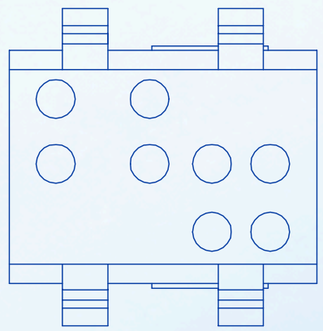


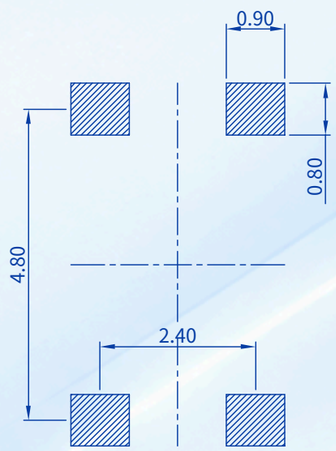




Schematic







Part No. Differences

Type	Part No. Difference	L Length	Post A	Post B	Holes
1	LY-TS-10/W40-L02-H1.5	5.2mm	None	None	8 holes
2	LY-TS-10A/W40-L02-H1.5	4.9mm	None	None	8 holes
3	LY-TS-10B/D40-L02-H1.5	5.2mm	0.88	0.76	3 holes
4	LY-TS-10C/D40-L02-H1.5	5.2mm	1.00	0.80	3 holes
5	LY-TS-10D/W40-L02-H1.5	4.7mm	None	None	8 holes

MATERIAL / SPECIFICATION

Rated Current	50mA MAX
Rated Voltage	DC 12V
Contact Resistance	⩽300mΩ
Insulation Resistance	⩾100MΩ
Compressive Strength	AC250V 50Hz/1 min
Operating Force	40±20gf
Mechanical Life	100,000 cycles Min
Operation Stroke	0.35+0.15mm
Temperature Range	-30°C ~ +85°C
BOM: Button	Qty 1; PPA; Black
BOM: Cover Plate	Qty 1; SUS301-H T=0.15; Overall Cleaning; Silver White
BOM: Contact Spring	Qty 1; Phosphor Bronze; Silver Plated; Silver White
BOM: Insert	Qty 1; Phosphor Bronze; Silver Plated; Silver White
BOM: Base	Qty 1; LCP; Black

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
General Tolerance X.	±0.3
Angle Tolerance X.°	±5°
General Tolerance .X	±0.2
Angle Tolerance .X°	±3°
General Tolerance .XX	±0.1
Angle Tolerance .XX°	±2°
General Tolerance .XXX	±0.05
Angle Tolerance .XXX°	±1°

PROJECTION

THIRD ANGLE PROJECTION

DRAWN BY	KANGSHENG
CHECKED BY	
APPROVED BY	

深圳市康生电子科技有限公司
Shenzhen Kangsheng Electronic Technology Co., Ltd.

PRODUCT NAME	Detector Switch 4 Pin SMD						
PART NO.	KS-DS-TS-10-02					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1