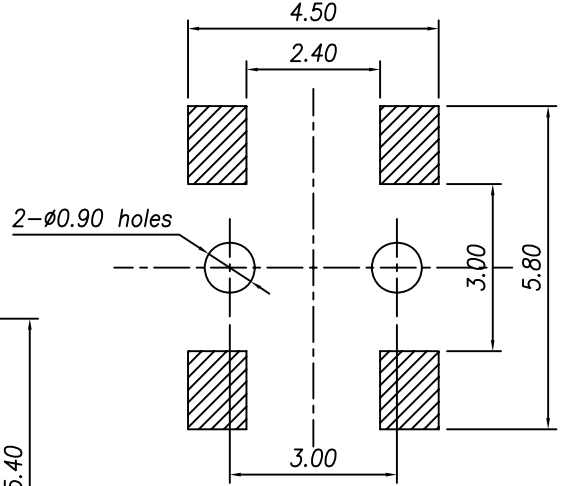


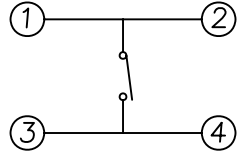
RoHS
Compatible

△				
△				
△				
△				
ZONE	REV	DESCRIPTION	DATE	APPD.

P.C.B Mounting pattern Dimension



Circuit Diagram



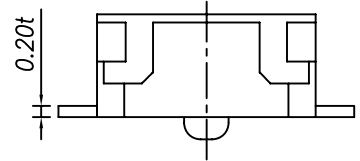
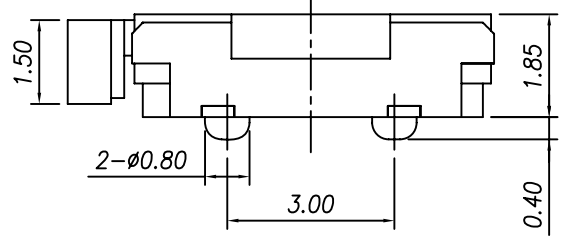
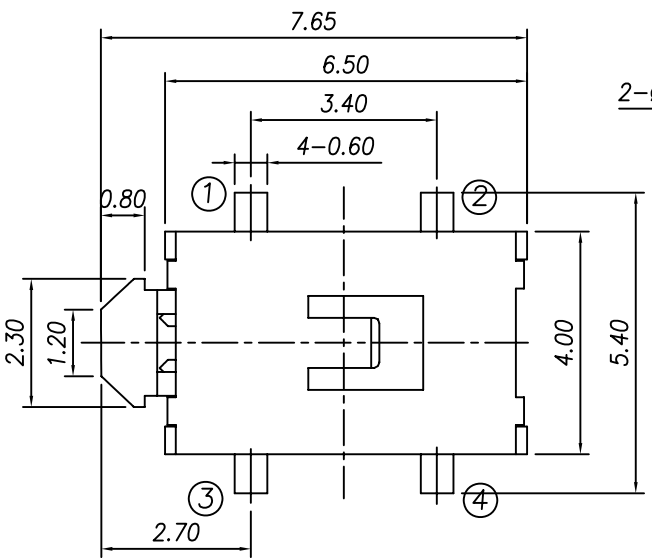
Order Information:
TS-A13E--S033

Force

Specification

1. Rating : DC 12V 50mA Max.
2. Contact resistance : 100mΩ Max.
3. Insulation resistance : 100MΩ Min.
4. Travel : 0.3±0.1mm

Model	Operating Force	Life Cycles
TS-A13E-2	180±50gf	50,000 cycle
TS-A13E-3	250±50gf	50,000 cycle



5	Case	PA6T	1	Black
4	Terminal	Brass	2	Plated : 0.15μm
3	Contact	Stainless Steel	1	Clad : Ni 0.5μm, Ag 0.4μm
2	Cover	Cold Rolled Steel Sheet	1	Natural
1	Stem	PA6T	1	Black
No.	Part Name	Material	Q"ty	Finishing

達立科技股份有限公司
Dawning Precision Co.,Ltd.
TEL: 886-2-82271388 FAX: 886-2-82272198

DESIGN	Will	SCALE	
DRAWING	Will	UNIT	mm
CHECK	Will	SIZE	A4: 210*297
APPROVAL	Eric	VERSION	01

TOLERANCE UNLESS OTHERWISE STATED(mm)	PART NAME	TACT SWITCH
less than 10 — ±0.2	PART NO	TS-A13E SERIES
10~30 — ±0.3	DRAWING NO	
30~100 — ±0.5	DATE	2010/09/01
ANGIE — ±2°		