

**RoHS**  
**Compatible**

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ZONE	REV	DESCRIPTION	DATE	APPD.

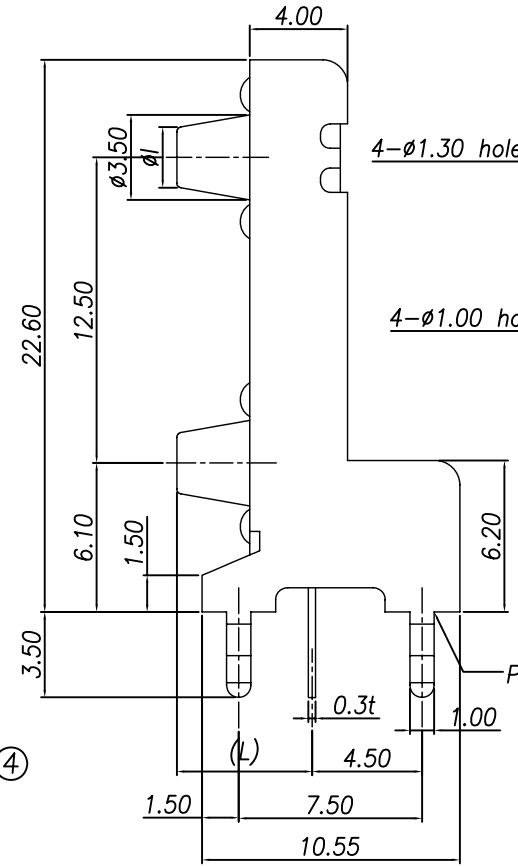
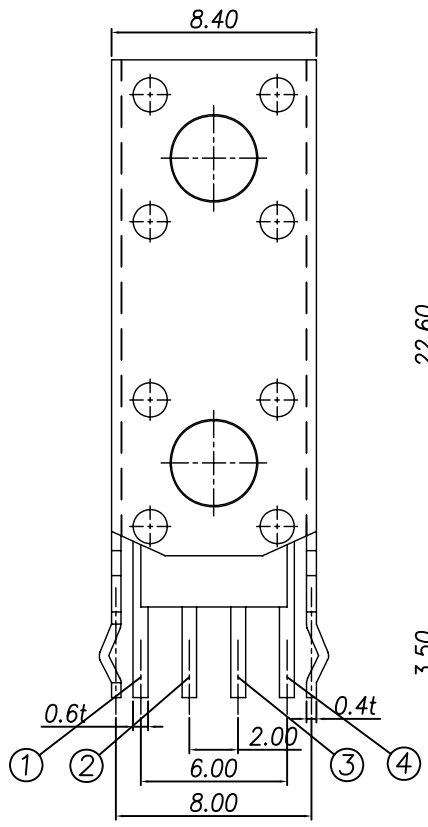
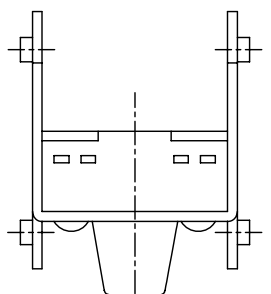
Specification

1. Rating : DC 12V 50mA Max.
2. Contact resistance : 100mΩ Max.
3. Insulation resistance : 100MΩ Min.
4. Travel : 0.25  $\pm$  0.1mm
5. Operating life : 100,000 cycles Min.

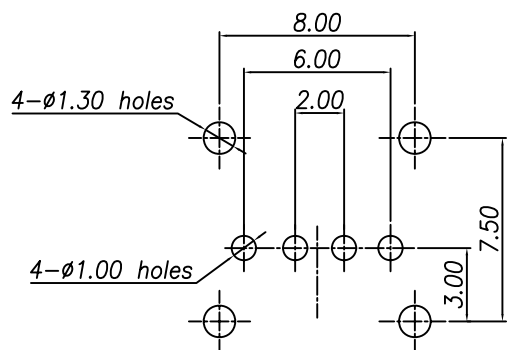
Order Information:  
TS-A02MV--S017

Force(100gf:1 /160gf:2 /250gf:3)  
Height

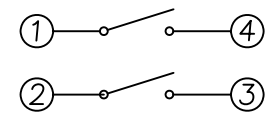
Model	L(mm)	∅	Stem Color	O/Force
TS-A02MV-2	3.15	3.50	Black	160±50gf
TS-A02MVA-2	3.85	3.50	Black	
TS-A02MVB-2	5.85	3.30	Blue	
TS-A02MVC-2	6.85	3.20	White	
TS-A02MVD-2	8.35	3.10	Black	
TS-A02MVE-2	6.15	3.25	Ivory	
TS-A02MVH-2	15.85	2.80	Black	
TS-A02MVR-2	7.35	3.09	Black	
TS-A02MVK-2	11.85	2.87	Black	
Model	L(mm)	∅	Stem Color	O/Force
TS-A02MV-1	3.15	3.50	Brown	100±50gf
TS-A02MVA-1	3.85	3.50		
TS-A02MVB-1	5.85	3.30		
TS-A02MVC-1	6.85	3.20		
TS-A02MVD-1	8.35	3.10		
TS-A02MVE-1	6.15	3.25		
TS-A02MVH-1	15.85	2.80		
TS-A02MVR-1	7.35	3.09		
TS-A02MVK-1	11.85	2.87		
Model	L(mm)	∅	Stem Color	O/Force
TS-A02MV-3	3.15	3.50	Red	250±50gf
TS-A02MVA-3	3.85	3.50		
TS-A02MVB-3	5.85	3.30		
TS-A02MVC-3	6.85	3.20		
TS-A02MVD-3	8.35	3.10		
TS-A02MVE-3	6.15	3.25		
TS-A02MVH-3	15.85	2.80		
TS-A02MVR-3	7.35	3.09		
TS-A02MVK-3	11.85	2.87		



P.C.B Mounting pattern Dimension



Circuit Diagram



P.C.B Mounting Face

**達立科技股份有限公司**  
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DESIGN	Will	SCALE		
DRAWING	Will	UNIT	mm	
CHECK	Will	SIZE	A4: 210*297	
APPROVAL	Eric	VERSION	01	

TOLERANCE UNLESS OTHERWISE STATED(mm)
less than 10 — ±0.3
10~30 — ±0.4
30~100 — ±0.5
ANGLE — ±2°

PART NAME	TACT SWITCH
PART NO	TS-A02MV SERIES
DRAWING NO	
DATE	2011/03/10