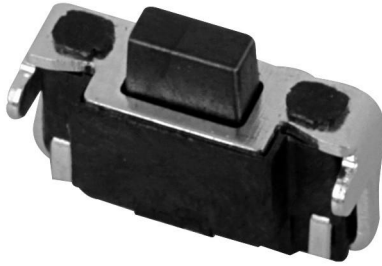


TACT SWITCH :TSMH-551801



Characteristics

Body Type:	Horizontal SMD
Operating Temp Range:	-20°C to 70°C
Soldering:	Reflow & Reflow
Free Mode:	OFF
Circuit:	1P1T
Travel:	0.15 mm
Operating Force	180gf

Electrical Performance	
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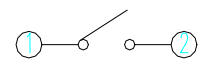
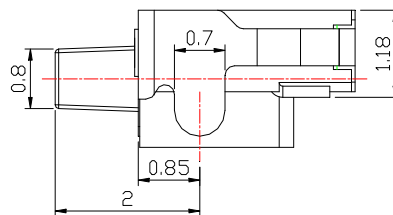
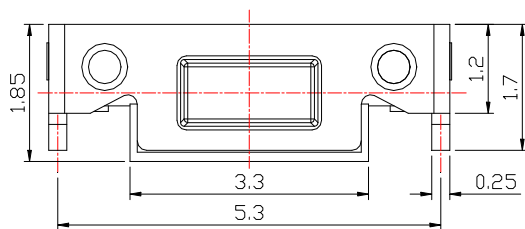
Rating	Contact Resistance	Insulation Resistance	Withstand Voltage
0.05A DC12V	100mΩ	100MΩ min 100V DC	250V AC for 1 min

Mechanical Solder ability Performance	
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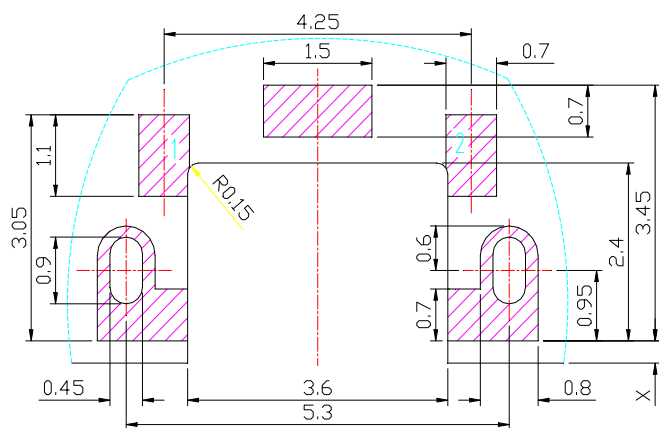
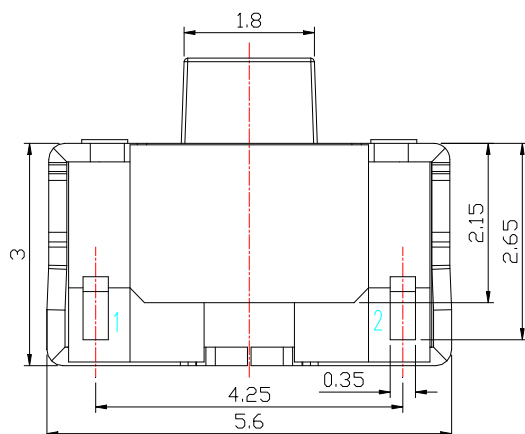
Operating Force	Terminal Strength	Actuator Strength	Solder ability	Resistance To Soldering Heat		
				Dip	Manual	Reflow
180 gf	N/A	29.4N,15s	230 ± 5°C	N/A	350°C ,3s	240°C ,10s

Endurance & Environment Performance

Operating Life Without Load	With Load	Cold Test	Heat Test	Humidity Test
100, 000cycles	N/A	-30°C for48hrs	80°C for48hrs	60°C 90to95%RH for48hrs



CIRCUIT DIAGRAM



P.C.B LAYOUT