

# TSA Series

## 6.0×6.0 Through Hole Type Tact Switch



### Features

- Snap-in type, which can be directly mounted on PC board.
- Some of output terminals can be also used as jumper leads, thus making circuit design easy.
- Available with anti-ESD ground terminal.
- Standard knobs are available.

### Applications

- Operating switches in all types of electronic equipment such as audio devices, office devices, communication devices, measuring instruments, TVs, video recorders, automotive sets, etc.

### How to order

TSA [ ] [ ] [ ] L [ ] [ ]

Total H:  
A=4.3mm  
B=5.0mm  
C=7.0mm  
D=9.5mm  
E=13.0mm  
F=17.0mm  
G=7.3mm (Square)

Package:  
B=Bulk  
RoHS & Lead Free  
Special stem color:  
=Standard  
1=Black  
Operating Force:  
1=100±50 gf  
2=160±50 gf  
3=260±70 gf

### Specification

Items	Standard	
Operating temperature range	-20°C to +70°C	
Electrical performance	Rating	50mA, 12V DC
	Insulation resistance	100MΩ min. 100V DC
	Dielectric strength	250V AC for 1 min.
	Contact resistance	100mΩ max.
Durability	Lifetime	50,000 Cycles, 100,000 Cycles
	Operating force	1:100 ± 50gf, 2:160 ± 50gf, 3:260 ± 70gf
Mechanical performance	Travel	0.25 ± 0.1mm

### Diagram

	TSA~F	TSA-G
Dimensions		
Circuit Diagram		
Pad Layout		

※ Please follow drawing of Approved Sheet that catalog drawing only for reference.