

# C SERIES

## 5.2x5.2 SMT Tact Switch



### HOW TO ORDER

**T V C M** [Color Swatches]

**Serial Number**  
16=Square Cover  
17=Round Cover

**Auxiliary Type**  
□ =Black Base  
W=White Base  
L=Lcp Black Base

**Attach Characteristics**  
□ =Dust-Proof  
P=Non Dust-Proof  
E=With Earth Terminal & Dust-Proof

**Switch Height**  
015=1.5mm  
016=1.6mm  
017=1.7mm  
020=2.0mm  
025=2.5mm  
035=3.5mm  
043=4.3mm

**Operating Force**  
A=90gf B=180gf  
C=250gf D=70gf  
E=130gf G=320gf  
H=400gf I=520gf

**Stem Color**  
L=Lcp White  
F=PPA White  
B=Black Y=Yellow  
P=Nickel Plating

**Package Style**  
B=Bulk R=Reel

**Internal Dot Mark**  
□ =Standard  
1=High Life Time  
2=Terminal of 6.0mm

### Features

- 5.2x5.2mm dimensions suitable for high density mounting.
- Contact sealed construction offers a highly reliable switch.
- Reflow solderable.
- Packaged with a 12mm wide embossed taping.

### Applications

- For operating various electronic devices such as audio devices, video recorders, communication devices, cameras, automotive sets, electric home appliances, etc.

### Specification

Items		Standard
Operating temperature range		-30°C to +85°C
Electrical performance	Rating	50mA, 12V DC
	Insulation resistance	100MΩmin. 100V DC
	Dielectric strength	250V AC for 1 min.
	Contact resistance	100mΩmax.
Durability	Lifetime	A:B:D:E:200,000 Cycles C::G:H:I:100,000 Cycles
Mechanical performance	Operating force	A:90gf B:180gf C:250gf D:70gf E:130gf G:320gf H:400gf I:520gf
	Travel	0.25 ± 0.1mm

### Diagram

No.	Dimensions	Circuit Diagram Pad Layout	
1	<p>• TVCM16</p>	H	
		1.5 1.7 2.0 ...	
2	<p>• TVCM17</p>	H	
		1.5 1.7 2.0 ...	