

Chip Ceramic Trimmer Capacitor

VC03R Series

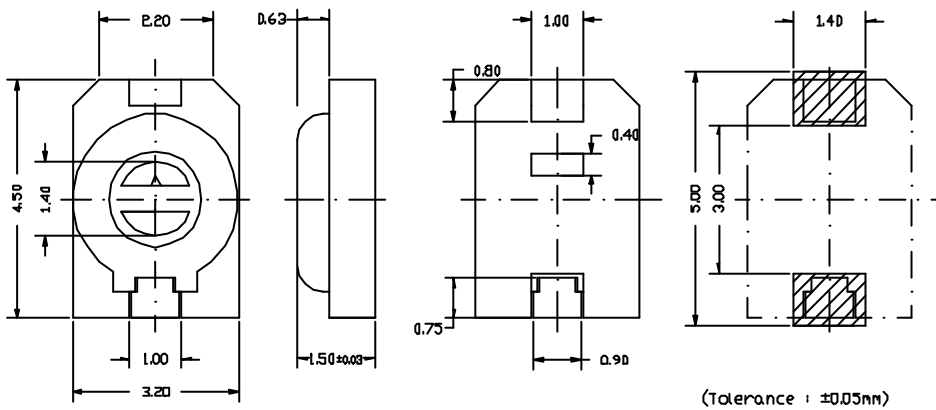
are miniature and ultra-thin type surface mounting devices, and are recommended for iniaturization of electronic equipment.

The capacity drift after adjustment is very low and having a very thin dustproof structure, these capacitors are most suited to the fine adjustment of items.

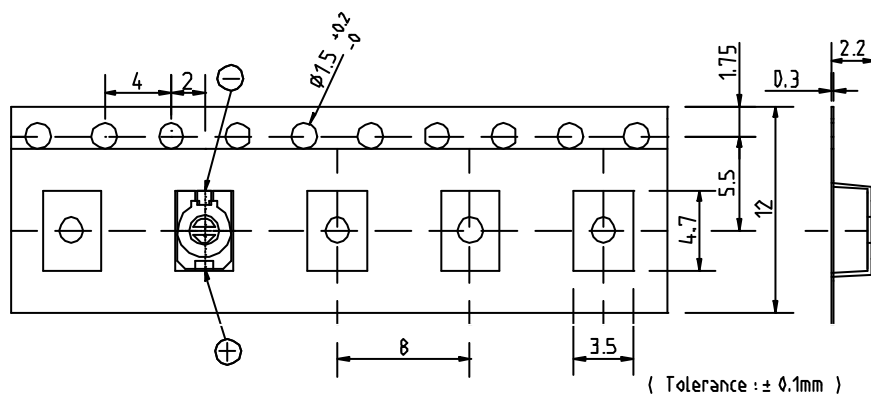
The plastic is a high temperature liquid-crystal polymer with low dielectric loss and good mechanical strength.



Dimensions and Standard Land Patterns



Tape and



Features

1. Small size: 3.2(W)×4.5(L)×1.5(H) mm.
2. Designed for reflow soldering.
3. Lowest capacitance drift.
4. Very good Q and high resonant frequency
5. Color coded case permits easy identification
6. Sealed construction prevents the penetration of Flux and Dust.

Applications

Hybrid ICs and micro module
 Portable radio equipment and portable cassette tape player
 VTR camera and Camcorders
 Pagers
 Cordless telephones and Mobile telephones

Ratings and Characteristics

	VC03RSM03	VC03RSM06	VC03RSM10	VC03RSM20	VC03RSM30
Capacitance(pF Max)	3.0 $\begin{smallmatrix} +50 \\ -0 \end{smallmatrix}$ %	6.0 $\begin{smallmatrix} +50 \\ -0 \end{smallmatrix}$ %	10.0 $\begin{smallmatrix} +50 \\ -0 \end{smallmatrix}$ %	20.0 $\begin{smallmatrix} +50 \\ -0 \end{smallmatrix}$ %	30.0 $\begin{smallmatrix} +50 \\ -0 \end{smallmatrix}$ %
Capacitance(pF Min)	1.5 max.	2.0 max.	3.0 max.	5.0 max.	8.0 max.
Temperature Coefficient (ppm / ?)	N470±60	N470±60	N1000±250	N1500±250	N1500±250
Q Value (at 1 MHz, C max)	300	500	500	500	500
Case Color	Black	Blue	White	Pink	Green
Insulation Resistance	104MO Min.				
Torque	10~72 gf-cm				
DC Working Voltage	100 VDC		50 VDC		
DC Withstanding Voltage	220 VDC		110 VDC		
Operating Temperature	-25 to 85				

Parts Numbering

VC03 R SM 03
1 2 3 4

Packing

1000pcs/reel ; 3000pcs/reel

1. Ceramic trimmer capacitor VC03 Series
2. R: Plastic Case
3. Terminal type (Surface mounting)
4. Capacitance Value