Chip Ceramic Trimmer Capacitor

VC03R Series

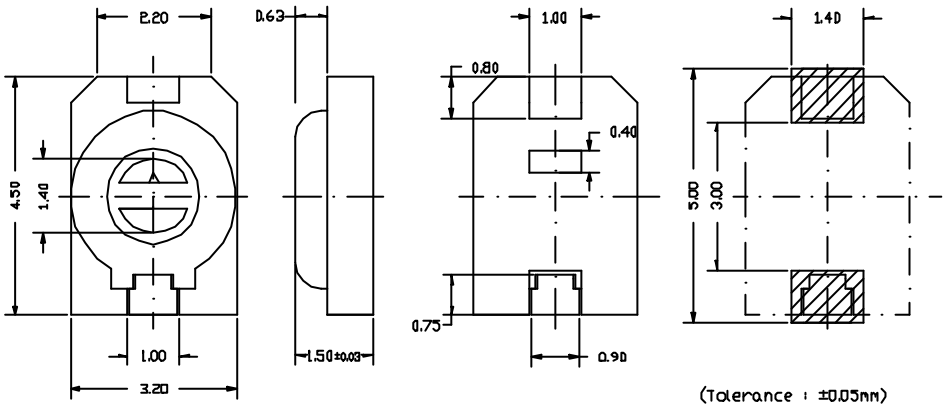
are miniature and ultra-thin type surface mounting devices, and are recommended for iniaturization of electronic equipment.

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.

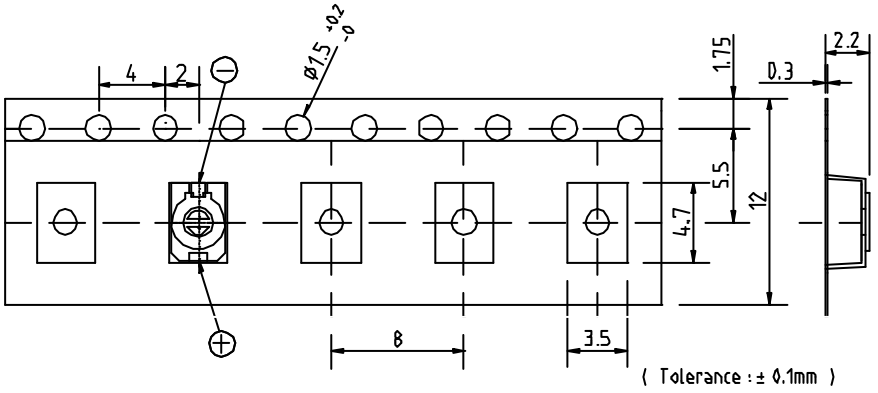
The plastic is a high temperature liquid-crystal polymer with low dielectric loss and good mechanical strength.



☐ 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 $^{+50}_{-0}$ %	6.0 $^{+50}_{-0}$ %	10.0 $^{+50}_{-0}$ %	20.0 $^{+50}_{-0}$ %	30.0 $^{+50}_{-0}$ %
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*

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

☐ Packing

1000pcs/reel；3000pcs/reel