



# CERAMIC TRIMMER CAPACITOR VC05R SERIES

These rotary ceramic trimmer capacitors are designed to have high electrical performances which utilize a high quality ceramic dielectrics and are ideal for PCB dip mounting.

## □ Features

1. Linear capacitance change
2. Variety capacitance ranges upto 90 PF
3. Linear capacitance Vs temperature changes and complete resetting
4. Excellent moisture-proof characteristic yields very small influence on Q and insulation resistance

## □ Applications

- Video Equipment
- Acoustic Equipment
- Monitor and Computer
- Quartz Clock and Mini Radio
- Measuring and Communication Equipment

## □ Characteristics

- ◆ Working Voltage : 200 VDC
- ◆ Withstand Voltage : 400 VDC
- ◆ Insulation Resistance :  $10^4$  MΩmin.at 250VDC
- ◆ Turning Torque : 35 to 200 gf-cm
- ◆ Operating Temperature : -25°C to + 85 °C

## □ Parts Numbering

VC05 R (A,B) 030

1 1 2 3 4

1. Ceramic trimmer capacitor VC06 Series
2. R: Resin stator
3. Terminal type ( A:Normal Type ; B:Rear Type )
4. Nominal Capacitance Value ( RoHS :VC05RA030 ...)

## □ Ratings

PARTS NO.	Capacitance (pF)		Temp. Coefficient (ppm/°C)	Q Factor ( At@1MHz,Cmax. )	Color Code
	Min.(Less Than)	Max.(More Than)			
VC05R(A,B)030	1.4	3.0	NPO ± 250	300 min	NIL
VC05R(A,B)060	2.0	6.0	NPO ± 250	300 min	RED
VC05R(A,B)100	2.8	10.0	NPO ± 300	300 min	NIL
VC05R(A,B)200	3.5	20.0	N450 ± 300	300 min	BLUE
VC05R(A,B)300	5.0	30.0	N750 ± 300	300 min	YELLOW
VC05R(A,B)400	7.0	40.0	N1200 ± 500	200 min	BROWN
VC05R(A,B)500	8.0	50.0	N2000 ± 500	200 min	GREEN
VC05R(A,B)700	9.0	70.0	N2200 ± 500	200 min	BLACK
VC05R(A,B)900	12.0	90.0	N2200 ± 500	200 min	BLACK

## □ Packing

500 pcs/bag : 5000 pcs/ inner box



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### □ Shape and Dimensions

### VC05RA

