



CERAMIC TRIMMER CAPACITOR 07B 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 120 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 : 250 VDC
- ◆ Withstand Voltage : 550 VDC
- ◆ Insulation Resistance : $10^4 \text{ M}\Omega \text{ min. at } 250 \text{ VDC}$
- ◆ Turning Torque : 60 to 400 gf-cm
- ◆ Operating Temperature : -55°C to $+85^\circ\text{C}$

□ Parts Numbering

- VC07 B 100
- 1 1 2 3 4
1. Ceramic trimmer capacitor VC07 Series
 2. NIL: All ceramic construction
 3. Terminal type , B: W/Knob type
 4. Nominal Capacitance Value FOR 07B (RoHS) SERIES
(060=6pF;100=10pF ..., 101=100pF ,121=120pF)

□ Ratings

PARTS NO.	Capacitance (pF)		Temp. Coefficient (ppm/°C)	Q Factor (At@1MHz,Cmax.)	Color Code
	Min.(Less Than)	Max.(More Than)			
VC07B060	1.5	6.0	NPO ± 200	300 min	RED
VC07B100	2.0	10.0	NPO ± 200	300 min	NIL
VC07B200	2.5	20.0	N350 ± 200	300 min	BLUE
VC07B300	4.0	30.0	N750 ± 200	300 min	YELLOW
VC07B400	4.5	40.0	N1000 ± 200	300 min	BROWN
VC07B500	5.0	50.0	N1200 ± 300	300 min	GREEN
VC07B700	7.0	70.0	N2000 ± 300	200 min	BLACK
VC07B101	8.5	100.0	N2000 ± 300	200 min	PURPLE
VC07B121	10.0	120.0	N2200 ± 500	200 min	PURPLE

□ Shape and Dimensions

