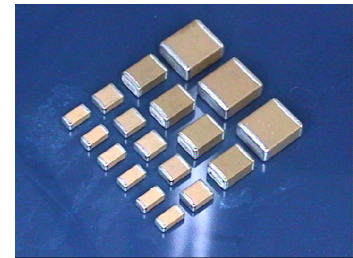




# Holy Stone ... an innovation leader in ceramic capacitors!

## Multilayer Ceramic Chip Capacitor (MLCC)



### SAC Series [ Tip & Ring Capacitor ]

In telephone line the DC voltage is 48 volt and pass subscriber's AC signal is pulse (15 to 25Hz, 70 to 90 Vrms).

The ringer capacitors replace bulk leaded film capacitors and ceramic device offer excellent frequency response, low ESR and improved temperature characteristic. Ideal for telecommunication/modem application.

#### ◆ Features

- Small size & high capacitance
- Suitable for Wave and Reflow Soldering
- Surface Mount
- Low ESR characteristic & improved temperature performance
- RoHS compliant

#### ◆ Application

- Suitable telecommunication modem application

#### ◆ Summary Specification

Operation Temperature	X7R: -55~+125 °C ; Y5U: -30~+85 °C
Capacitance Range	180pF to 2.2uF
Rated Voltage	250Vdc
Temperature Coefficient	X7R : $\leq \pm 15\%$ , -55~+125 °C (EIA Class II )
	Y5U : $\leq +22 / -56 \%$ , -30~+85 °C (EIA Class II )
Dissipation Factor :	X7R : D.F. $\leq 2.5\%$ ; Y5U : D.F. $\leq 4.0\%$
Insulation Resistance	10G $\Omega$ or 500/C $\Omega$ whichever is smaller

