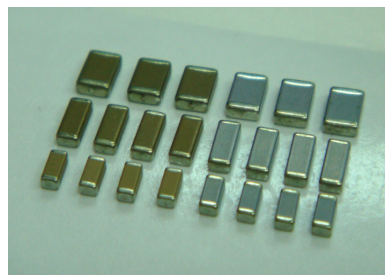




# Holy Stone ... an innovation leader in ceramic capacitors!

## Multilayer Ceramic Chip Capacitors (MLCC)

### HVC Series [ High Voltage Capacitor- 2KV ]



HVC SERIES

Multilayer Ceramic Chip Capacitances

**Holy Stone** high voltage products are designed and manufactured to meet the general requirements of international standards.

This series is offered in C0G(NPO) and X7R temperature characteristic in sizes from 1206 to 2220. This series can pass 1500VAC or 2250VDC Hi-Pot.

#### ◆ Features

- Standard for telecommunication devices (IEEE802.3) in LAN interface.
- Available with proprietary coating to prevent arcing and pass Hi-Pot test
- Surface mount suited for wave and reflow soldering
- Special internal electrode design offers the highest voltage rating
- RoHS compliant

#### ◆ Application

- Suitable for telecommunication devices in LAN interface
- Ballast capacitor for back light inverter applications

#### ◆ Summary Specification

Operation Temperature	-55~+125 °C
Capacitance Range	2pF to 10nF
Rated Voltage	2KVdc
Temperature Coefficient	NPO : $\leq \pm 30\text{ppm}/^\circ\text{C}$ , -55~+125 °C (EIA Class I )
	X7R : $\leq \pm 15\%$ , -55~+125 °C (EIA Class II )
Dissipation Factor :	NPO : $Q \geq 1000$ ; X7R : 2.5% max
Insulation Resistance	10GΩ or 500/C Ω whichever is smaller (C in farad)

