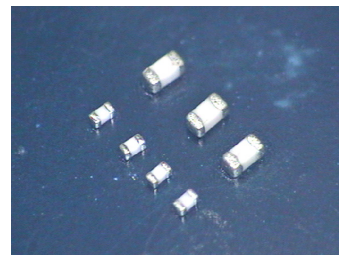




Holy Stone ... an innovation leader in ceramic capacitors!

Multilayer Ceramic Chip Capacitors (MLCC)

RFC Series [Radio Frequency Capacitors]



RFC SERIES

Multilayer Ceramic Chip Capacitors

Holy Stone RFC series are designed with temperature stable C0G material and offered in relatively high Q values at high frequency domain.

This product is offered in capacitance values from 0.1pF to 15pF in 0201 to 0402 sizes, and voltages 25 Vdc. The product is RoHS compliant and withstands up to 260°C peak solder temperature.

◆ Features

- High Q value & Low ESL at high frequency
- Ultra stable C0G performance
- Ultra miniature size 0402 and 0201
- Low capacitance with tight tolerance
- RoHS compliant

◆ Application

- Impedance Matching Circuit
- Resonant Circuit
- Coupling Circuit
 - RF Modules, VCO, BPF, DUP, PA, etc.
 - Cellular Phone, Bluetooth, Wireless LAN etc.

◆ Summary Specification

Operation Temperature	-55~+125 °C
Capacitance Range	0.1pF to 15pF
Rated Voltage	25Vdc
Temperature Coefficient	$\leq \pm 30\text{ppm}/^\circ\text{C}$, -55~+125 °C (EIA Class I)
Dissipation Factor :	$Q \geq 1000$ at 1MHz & ≥ 500 @ 1GHz/1pF
Insulation Resistance	10GΩ

