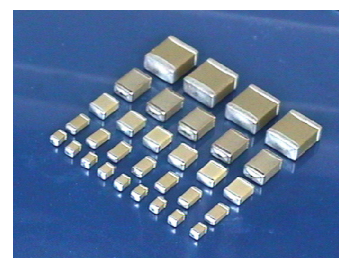




Holy Stone ... an innovation leader in ceramic capacitors!

Multilayer Ceramic Chip Capacitors (MLCC)

HCY Series [Y5U Characteristic Capacitors]



HCY SERIES

Multilayer Ceramic Chip Capacitors

HCY-004-hs9702

The HCY series that general purpose have a high capacitance and used noise suppressor and by pass or decoupling circuit and offered in relatively high capacitance values.

This product is offered in capacitance values from 10nF to 22uF in 0603 to 2220 sizes, and voltages from 10 Vdc to 100 Vdc. The product is RoHS compliant and withstands up to 260°C peak solder temperature.

◆ Features

- Small size & high capacitance
- Excellent high frequency characteristic due to low ESR
- Characteristic & improved temperature performance
- Excellent bias and high rated ripple current.
- Suitable for wave and reflow soldering

◆ Application

- Suitable DC-DC converter for smoothing circuit.
- Switching power supplies, DC Fan...etc.
- Noise suppressor and by pass or decoupling circuit.
- Other application requiring a very high capacitance circuit

◆ Summary Specification

Operation Temperature	-30~+85 °C
Capacitance Range	10nF to 22uF
Rated Voltage	10Vdc to 100Vdc
Temperature Coefficient	Y5U ≤ +22/-56% , -30~+85 °C (EIA Class II)
Dissipation Factor :	4.0% max. at 1KHz 20°C
Insulation Resistance	10GΩ or 500/C Ω whichever is smaller (C in Farad)
Dielectric Strength	250% rated voltage for 5 second @ 50mA max. current
Aging	4.0% per decade hr , typical

Detail datasheet is available on HEC web site or contact in location site sales department.
www.holystone.com.tw www.holystonecaps.com

