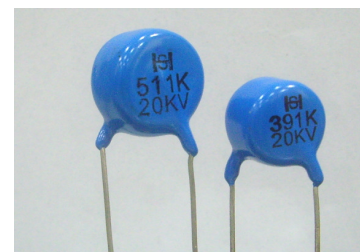




Holy Stone ... an innovation leader in ceramic capacitors!

CERAMIC DISC CAPACITORS



HDC Series – 10KV to 20KV [Ultra High Voltage Disc Capacitor]

HDC Series (ceramic disc capacitors) are ideal for use in general electronic products with voltage ratings from 10KV to 20KV.

◆ Features

- Wide operation temperature
- Low loss at wide range of frequency
- High reliability
- RoHS compliant

◆ Application

- Suitable for LAN/WLAN interface
- Ballast circuit of back-lighting inverter
- DC-DC converters,
- Snubber circuit of switching power supplies
- Modems & communication
- High voltage power supply

◆ Summary Specification

Operation Temperature	NPO/SL : -55~+125 °C
	X7R/Y5P/Y5S : -55~+125°C
	Y5U/Y5V : -25~+105°C
Capacitance Range	10pF to 10,000pF
Capacitance	1KHz ± 20% /osc: 1 to 5Vrms ,and 20 °C
Rated Voltage	10KVdc to 20KVdc
Temperature Coefficient	NPO : ≤ ± 30ppm/ °C , -55~+125 °C (EIA Class I)
	SL : +350 ~ -1000ppm/ °C , -25~+85 °C (EIA Class I)
	Y5S (N3300) ±22% , -25~+85 °C
	X7R : ≤ ± 15% , -55~+125 °C (EIA Class II)
	Y5P: ≤ ± 10% ; Y5U: +22%/-56% ; Y5V: +22%/-82% , -25~+85 °C(EIA Class II)
Dissipation Factor	Please see HEC specification data sheet
Insulation Resistance	10GΩ at 500VDC 1minute
Aging	NPO:0% ; SL :1.5% per decade of time
	X7R, Y5P, Y5S: 3.5 % per decade of time
	Y5U: 5.0 %; Y5V:7.5% per decade of time
Dielectric Strength	150% Rated Voltage

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

