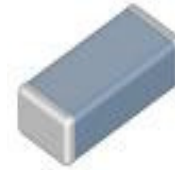


Multilayer Ceramic Chip Capacitors [Low-Loss, High Frequency Capacitors] HBC Series



◆ Features

- Low stable ESR at high frequency
- Ultra stable NP0 performance
- Suitable for solder wave and reflow soldering
- RoHS compliant
- High peak to peak voltage capability

◆ Applications

- High frequency pulse circuits
- Lighting ballast snubber circuits
- DC-DC converters
- High dv/dt rating

◆ Summary of Specifications

Operation Temperature	-55 °C ~ +125 °C
Rated Voltage	500Vdc and 1000Vdc
Temperature Coefficient	≤ ± 30ppm at -55 °C ~ +125 °C
Capacitance Range	10pF ~ 2700pF
Dissipation Factor	0.1% max. at 1MHz 25°C
Insulation Resistance	10GΩ
Dielectric Withstanding	1.5 × WVDC for 5 sec
Capacitance Tolerance	F, G, J, K
Ageing	None
Piezo Effects	None
dv/dt Rating	>8KV/μ second

◆ How To Order

HBC
1206
N
100
J
501
T

Product Code	Chip Size	Dielectric	Capacitance Unit : pF	Tolerance	Rated Voltage	Packaging
HBC: Low-Loss High Frequency Capacitor	Ex.: 1206 1210	N : NP0	Ex.: 100 : 10×10 ⁰ 101 : 10×10 ¹ 102 : 10×10 ²	Ex.: F : ± 1% G : ± 2% J : ± 5% K : ± 10%	Ex.: 501 : 500Vdc 631 : 630Vdc	T: T&R 7" R: T&R 13" B: Bulk

