Multilayer Ceramic Chip Capacitors

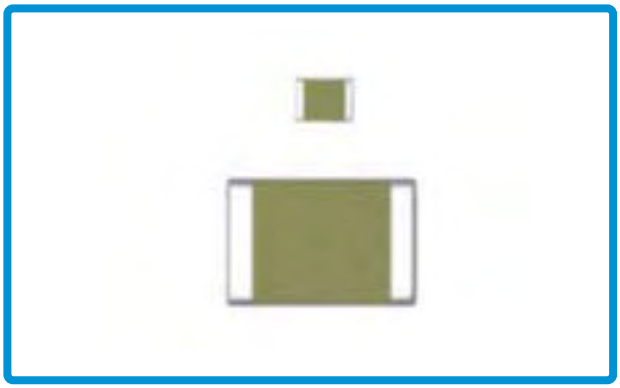
RoHS

HC Series (High Voltage)

MERITEK

SPECIFICATIONS

CODE	NPO	X7R
Temperature Characteristics	0 ±30ppm/°C	ΔC ±15% (-55°C to +125°C)
Dissipation Factor (D.F.)	0.1% max. Cap >30pF (+25°C, 1Vrms, 1MHz)	3.0% max. (+25°C, 1Vrms, 1 KHz)
Insulation Resistance	10GΩ or 500MΩ x μF whichever is smaller	10GΩ or 500MΩ x μF whichever is smaller
Dielectric Withstanding Voltage	120% rated voltage, 25°C, 15 sec.	120% rated voltage, 25°C, 15 sec.
Standard Tolerance	J (±5%), K (±10%), M (±20%)	J (±5%), K (±10%), M (±20%)



MERITEK High Voltage Chip Capacitors are developed for circuits requiring reliable components in high voltage applications, such as high voltage solid state multipliers, high voltage power supplies, high voltage rectifier arrays, and other similar applications

PART NUMBERING SYSTEM

HC 1206 XR 101 K 501

Meritek Series

Size

Dielectric

CODE	CG	XR
	COG (NPO)	X7R

Capacitance

CODE	8R2	101	223	104
pF	8.2	100	22000	100000
nF	--	.1	22	100
μF	--	--	0.022	0.1

Tolerance

Code	Tolerance	Code	Tolerance	Code	Tolerance
F	±1%	G	±2%	J	±5%
K	±10%	M	±20%	Z	+80/-20%

Rated Voltage

2 significant digits + number of zeros

Code	101	251	501	102	202	302
R.V.	100V	250V	500V	1000V	2000V	3000V

Specifications are subject to change without notice.