Multilayer Ceramic Chip Capacitors

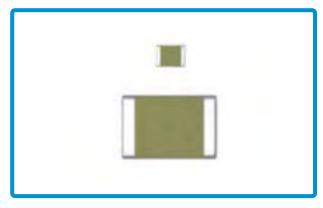




MERITEK

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		12	<u>06</u>	X	R	<u>101</u>	<u>K</u>	<u>501</u>
Meritek S	eries											
Size				<u>-</u>								
Dielectric												
CODE	CG		XR									
	COG (N	PO)	X7R									
Capacita	nce											
CODE	8R2	2	101	22	23		104					
pF	8.2	2	100	220	000		100000					
nF			.1	2:	2		100					
μF				0.0	22	0.1						
Tolerance	Э											
Code	Tolera	ance	Code	Tolerar	nce	Со	de 7	ole	rance			
F	±19	%	G	±2%			J	±5%				
K	±10	%	М	±20%		Z	<u>'</u> +	+80/-20%				
Rated Vo	ltage											
2 significar	nt digits +	numbei	r of zeros					_				
Code	101	251	501	102	202		302					
R.V.	100V	250V	/ 500V	1000V	2000	V	3000V					