

MULTILAYER CERAMIC CAPACITORS

EPOXY COATED RADIAL TYPE R SERIES

HIGH VOLTAGE CAPACITANCE MULTILAYER CERAMIC CAPACITORS

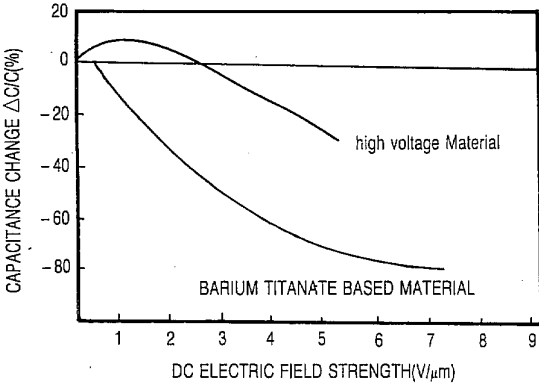
Using a new dielectric material developed based upon our experience in the field of ceramic material technology, we have started production of Multilayer Ceramic Capacitors (MLC) for high voltage applications of more than 200 volts DC.

The high voltage MLC exhibits various excellent characteristics and as they are finished into radial leaded types for high resistance to humidity, miniaturization and high performance of devices can be expected.

FEATURES

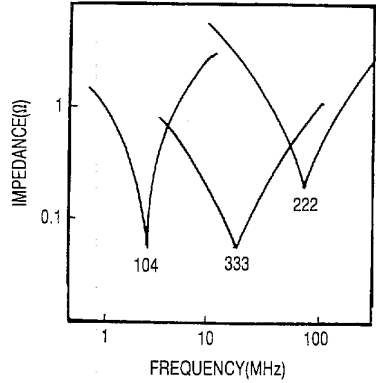
[Bias Characteristics]

By using a dielectric material whose capacitance shows little change with electrical strength, effective capacitance will be greater than that of Barium Titanate based material.

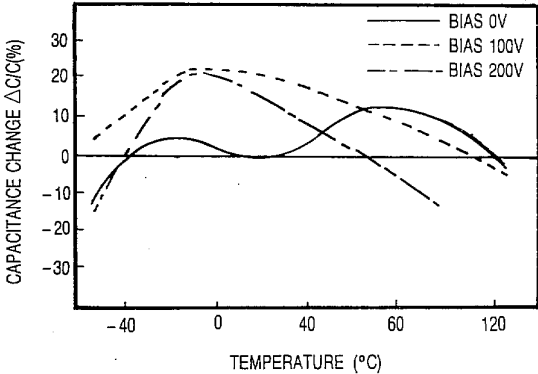


[Frequency Characteristics]

This result shows that the frequency characteristics are about the same as film capacitors (metalized plastic film capacitors).



[D.C. Voltage Bias Characteristics]



[IR vs Temperature Characteristics]

The temperature dependance of insulation resistance of our high voltage MLC (X7R) and the film capacitor are compared as below.

