

C3216X7R1E105K160AA

--- Multilayer Ceramic Chip Capacitor (MLCC) ---



Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C3216 [EIA CC1206]



Dimensions

L 3.20mm +/-0.2mm
 W 1.60mm +/-0.2mm
 T 1.60mm +/-0.2mm
 B 0.20mm Min.
 G 1.00mm Min.

Temperature Characteristic

X7R (-55 to 125 degC +/-15%)

Rated Voltage

1E (25Vdc)

Capacitance

1uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

3% Max.

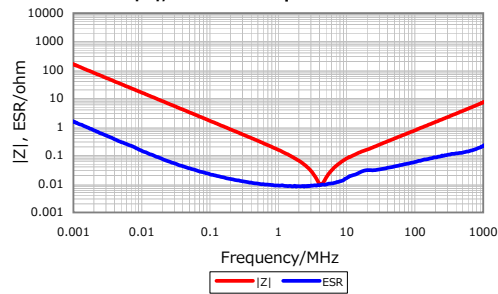
Insulation Resistance

500Mohm Min.

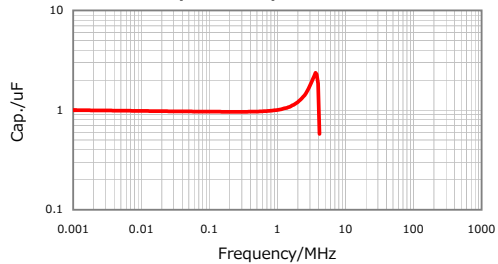
AEC-Q200

Not Applicable

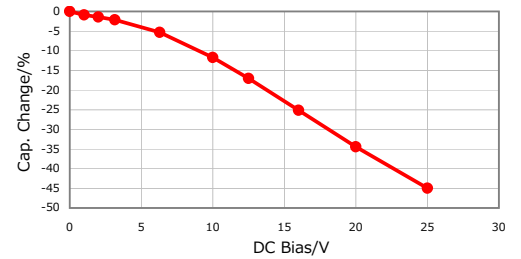
|Z|, ESR vs. Freq. Characteristics



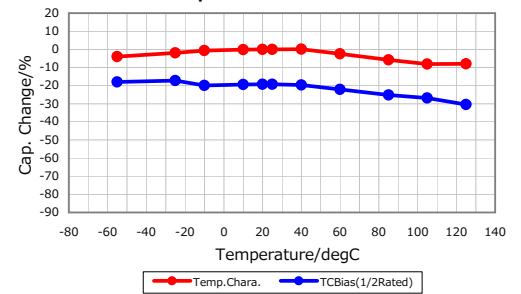
Cap. vs. Freq. Characteristic



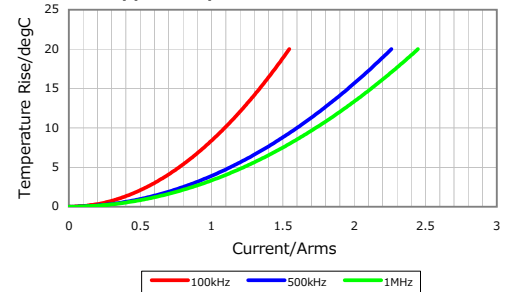
DC Bias Characteristic



Temperature Characteristic



Ripple Temperature Rise Characteristic



Characterization Sheet



All specifications are subject to change without notice.

December 22, 2012