

CGA9Q4NP02W104J280KA

TDK Item Description : CGA9Q4NP02W104JT****



Equivalent C5750NP02W104J for Automotive

Application & Main Feature

Automotive Grade (High Temperature Application)

Series

CGA9(5750) [EIA 2220]



Dimensions

L	5.70mm ±0.40mm
W	5.00mm ±0.40mm
T	2.80mm ±0.30mm
B	0.20mm Min.
G	

Temperature Characteristic

NP0 (-55 to 150 degC 0+/-30ppm/degC)

Rated Voltage

2W(450Vdc)

Capacitance

100nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

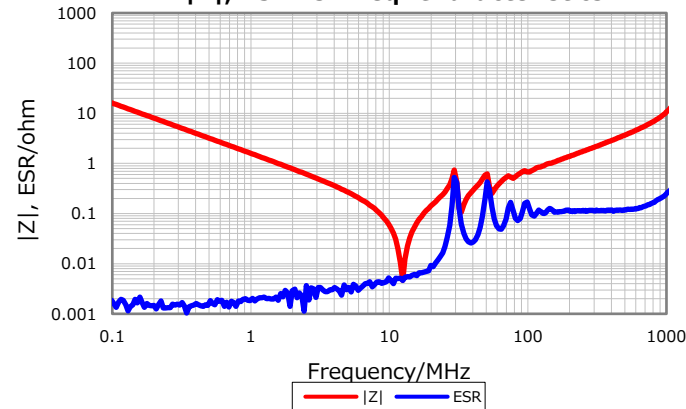
Insulation Resistance

5Gohm Min

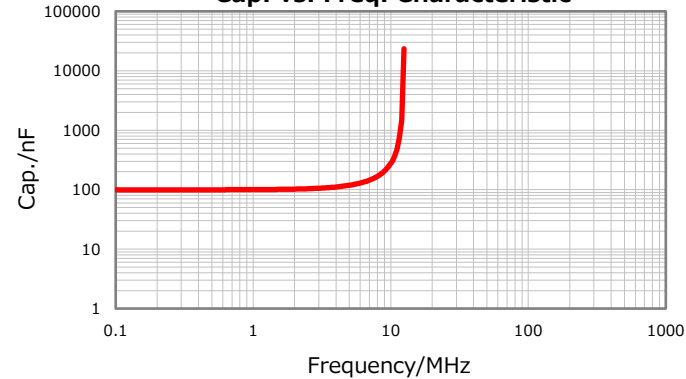
AEC-Q200

Yes

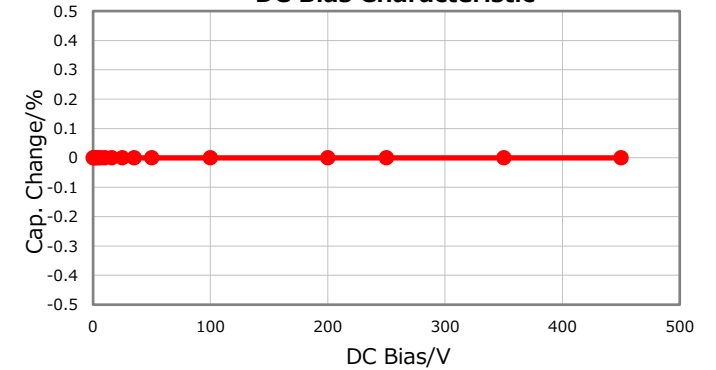
|Z|, ESR vs. Freq. Characteristics



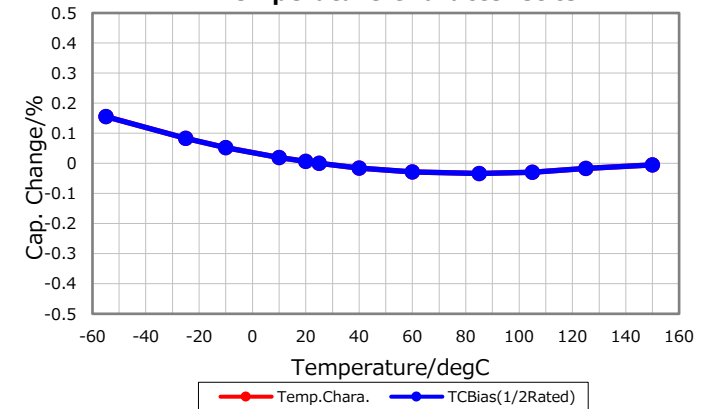
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

