

# CGA6P1X7R1N106M250AC

TDK item description : CGA6P1X7R1N106MT\*\*\*\*



Equivalent C3225X7R1N106M for Automotive

## Application & Main Feature

Automotive grade (General type)

## Series

CGA6(3225) [EIA 1210]

### Dimensions

|   |              |
|---|--------------|
| L | 3.20±0.40 mm |
| W | 2.50±0.30 mm |
| T | 2.50±0.30 mm |
| B | 0.20 mm min. |
| G | ---          |

### Temperature Characteristic

X7R (-55 to +125 degC, ±15%)

### Rated Voltage

1N (75Vdc)

### Capacitance

10μF

### Capacitance Tolerance

M (±20%)

### Dissipation Factor

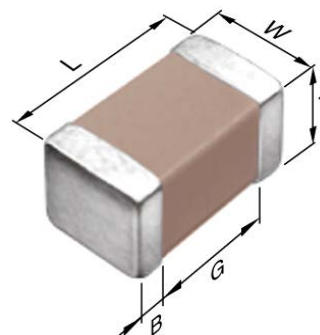
5 % max.

### Insulation Resistance

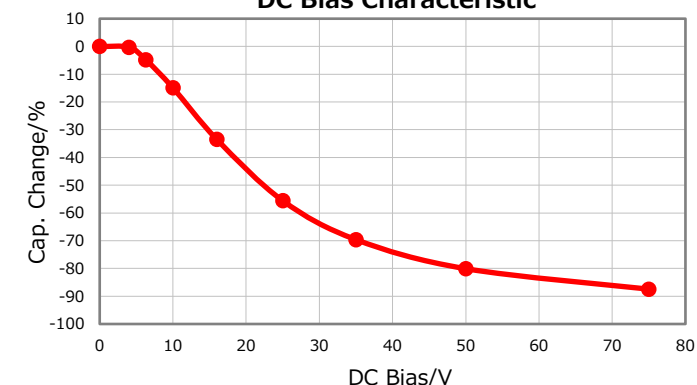
50 Mohm min.

### AEC-Q200

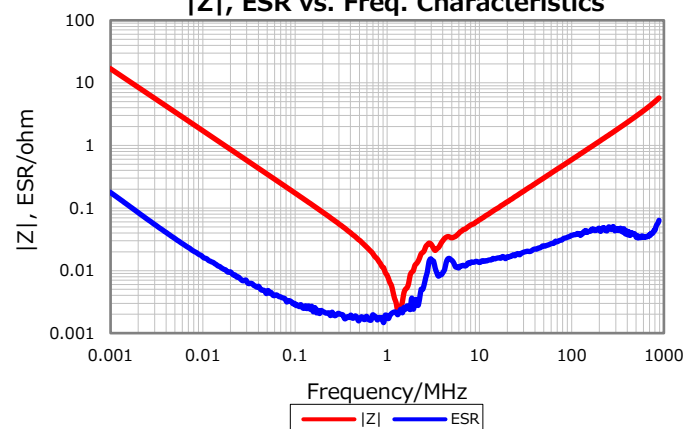
Yes



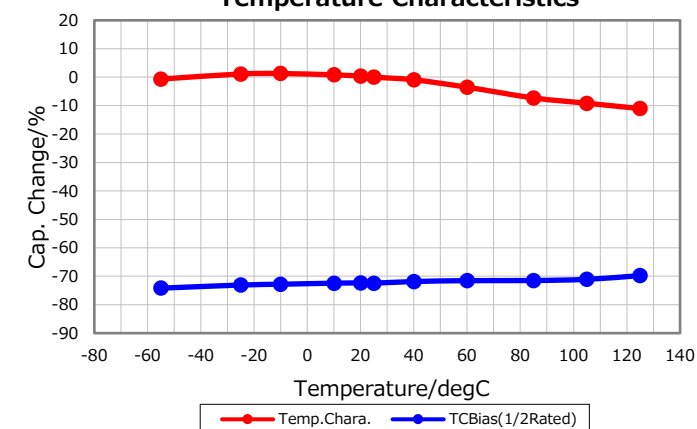
### DC Bias Characteristic



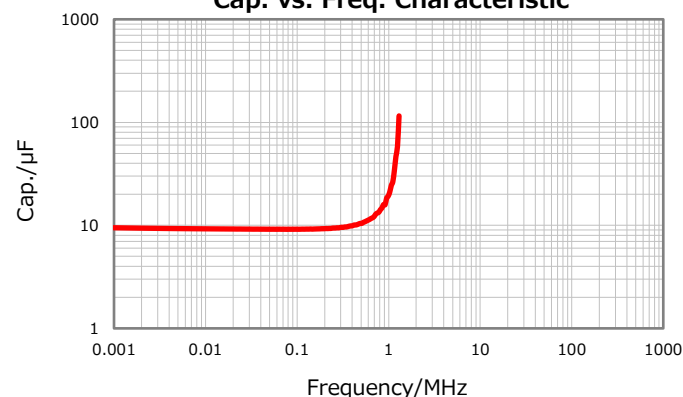
### |Z|, ESR vs. Freq. Characteristics



### Temperature Characteristics



### Cap. vs. Freq. Characteristic



### Ripple Temperature Rise Characteristics

