

# Chip Monolithic Ceramic Capacitor Electrical Characteristics Data

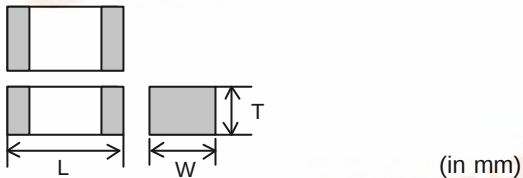


## 1812 X5R 100uF 6.3V

Murata Global P/N : GRM43SR60J107ME20L

Murata Previous P/N : GRM43-2X5R107M6.3

### 1. Dimension



| L          | W          | T          |
|------------|------------|------------|
| 4.5 +/-0.4 | 3.2 +/-0.3 | 2.8 +/-0.2 |

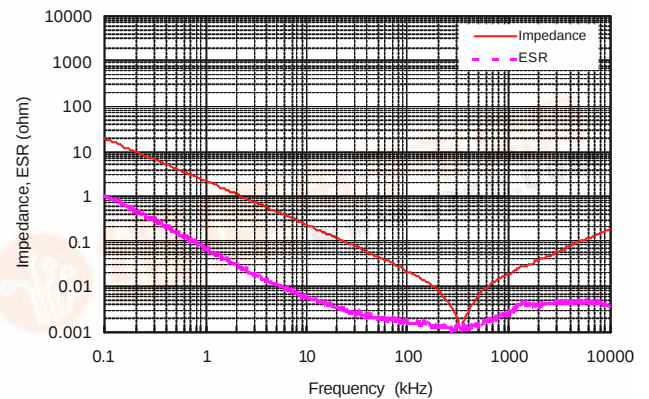
### 2. Cap,DF,IR

Capacitance,DF : 120Hz , 0.5Vrms  
IR : 6.3V , 60sec

| Item       | Spec          |
|------------|---------------|
| Cap. [uF]  | 80.0 to 120.0 |
| DF         | 0.1 max       |
| IR [M ohm] | 0.5 min       |

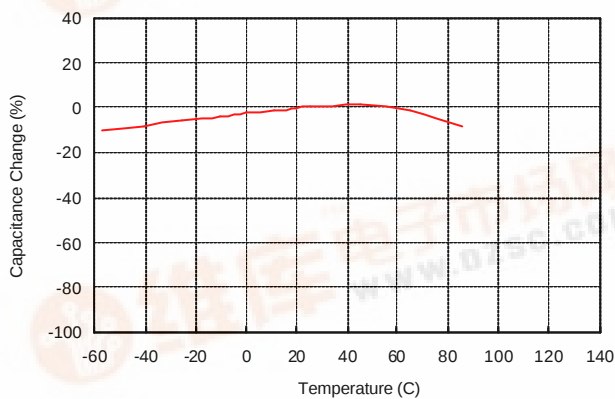
### 3.Impedance/ESR - Frequency

Equipment : HP4294A



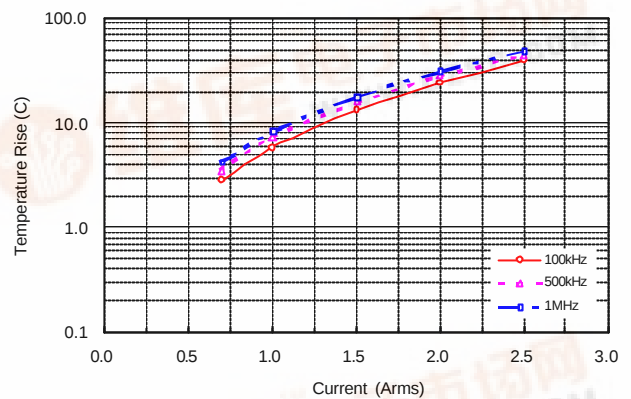
### 4.Capacitance-Temperature Characteristics

Equipment : HP4284A



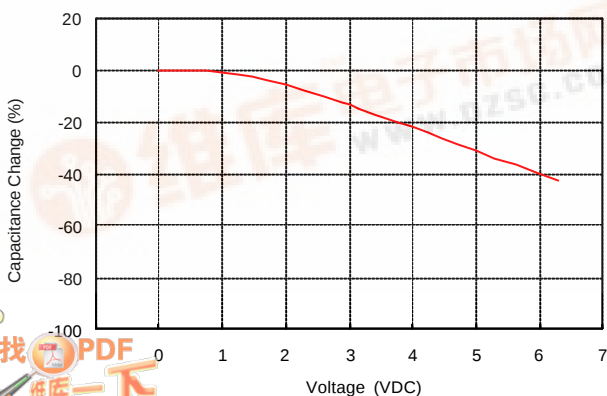
### 5.Temperature Rise - Ripple Current

Equipment : CVHF-400



### 6.Capacitance - DC Voltage Characteristics

Equipment : HP4284A



### 7.Capacitance - AC Voltage Characteristics

Equipment : HP4284A

