

Multilayer Ceramic Capacitors

SMK316B7102MF-T



■ Features

- Item Summary
1000pF±20%, 630V,
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

| | |
|-----------------------------------------------|----------------|
| Capacitance | 1000 pF ± 20 % |
| Case Size (EIA/JIS) | 1206/3216 |
| Rated Voltage | 630 V |
| tan δ (max) | 2.5 % |
| Temperature Characteristic (EIA) | X7R |
| Operating Temp. Range (EIA) | -55 to +125 °C |
| High Temperature Loading (% Rated Voltage) | 120 % |
| Insulation Resistance (min) | 10 GΩ |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (223 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|---------------------|
| Dimension L | 3.2 ±0.15 mm |
| Dimension W | 1.6 ±0.15 mm |
| Dimension T | 1.15 ±0.10 mm |
| Dimension e | 0.50 +0.35/-0.25 mm |

2022.05.26

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
 TAIYO YUDEN reserves the right to make change to the data at any time without notice.
 Before making final selection, please check product specification.

Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

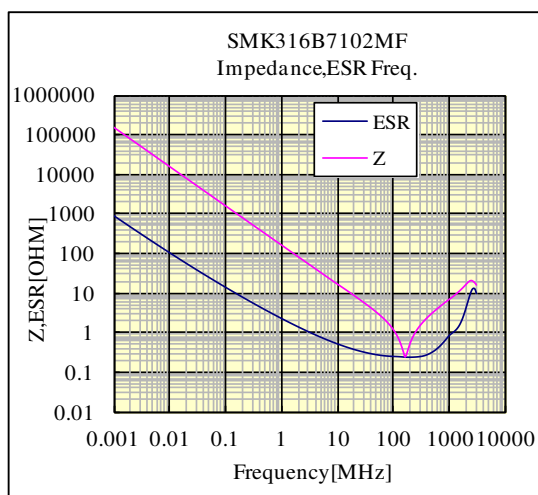
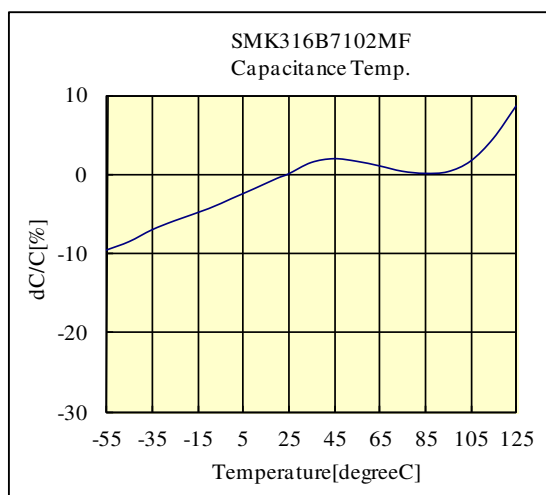
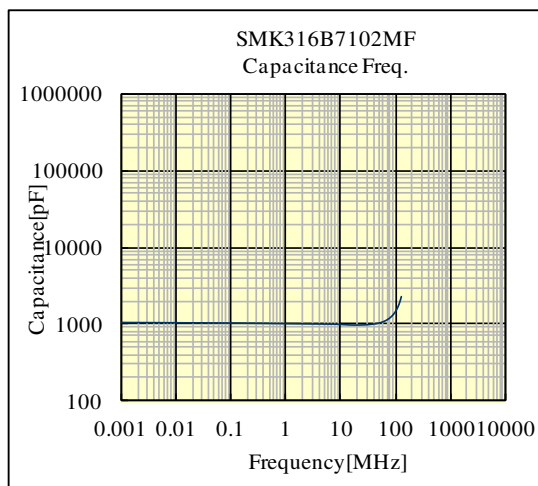
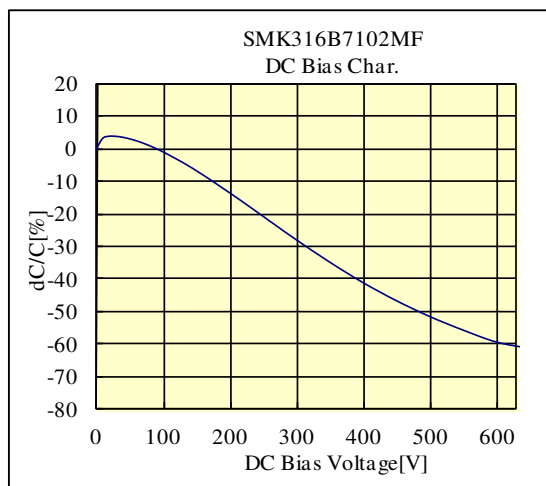
16QA11

RoHS compliance product

○SMK316B7102MF

630V 3216 X7R 1000pF +/- 20% t=1.25mmMAX

630V 1206 X7R 1000pF +/- 20% t=0.049inchMAX



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