

Multilayer Ceramic Capacitors

SMK316AB7333MLHT



■ Features

- Item Summary
0.033uF±20%, 630V,
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
New PN available
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

| | |
|---|-----------------|
| Capacitance | 0.033 uF ± 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) | 100 MΩ · μF |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (223 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|---------------------|
| Dimension L | 3.2 ±0.20 mm |
| Dimension W | 1.6 ±0.20 mm |
| Dimension T | 1.6 ±0.20 mm |
| Dimension e | 0.50 +0.35/-0.25 mm |

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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

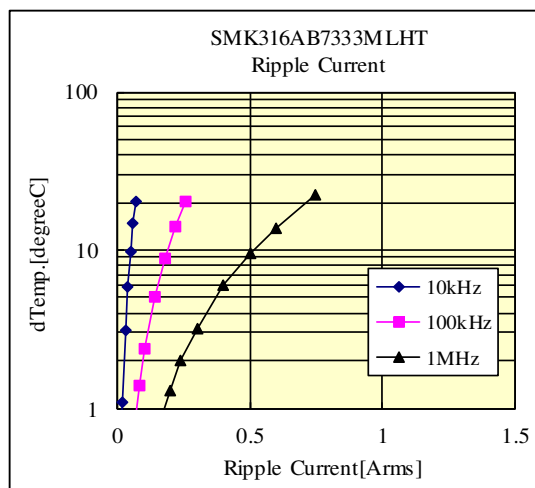
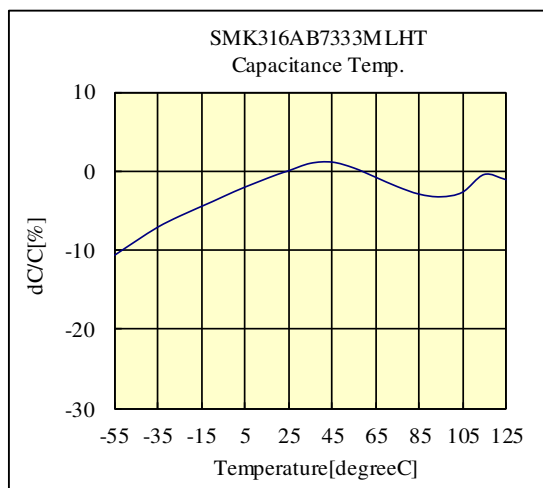
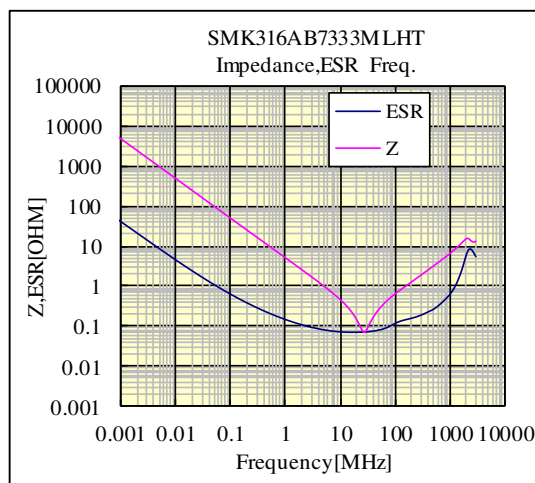
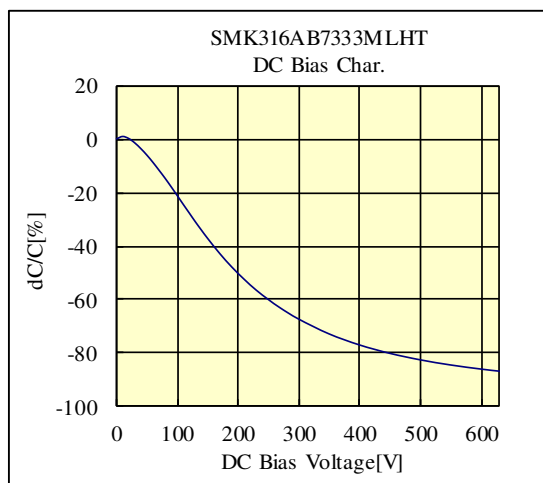
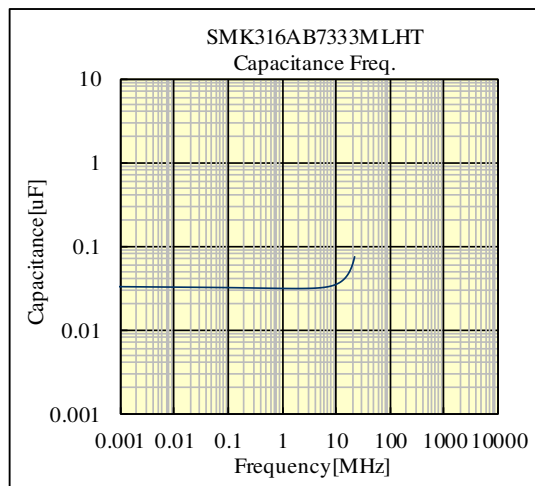
-Electrical Characteristics Data-

18U1A09

RoHS compliance product

○SMK316AB7333MLHT

630V 3216 X7R 0.033uF +/- 20% t=1.8mmMAX
630V 1206 X7R 0.033uF +/- 20% t=0.071inchMAX



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