

Soft Termination MLCC for Automotive / Industrial Applications

SMJ316BB7223MLHT



■ Features

- Item Summary
0.022uF±20%, 630V,
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

| | |
|---|-----------------|
| Capacitance | 0.022 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 |
| RoHS2 Compliance (10 subst.) | Yes |
| REACH Compliance (173 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

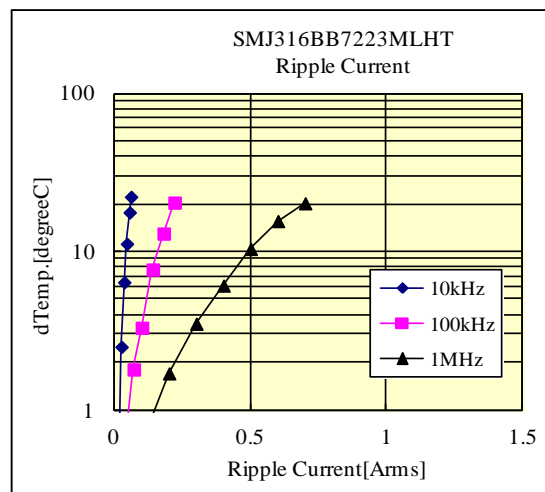
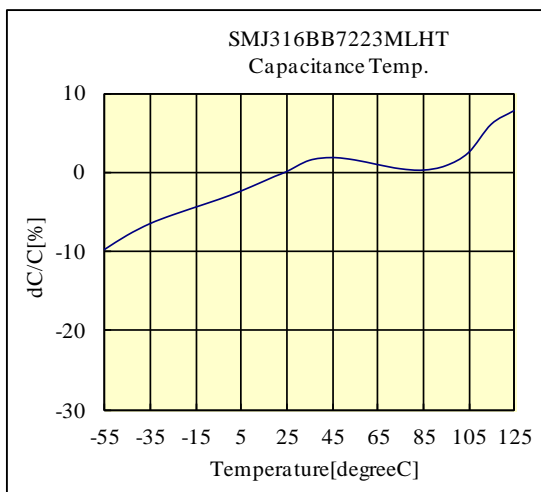
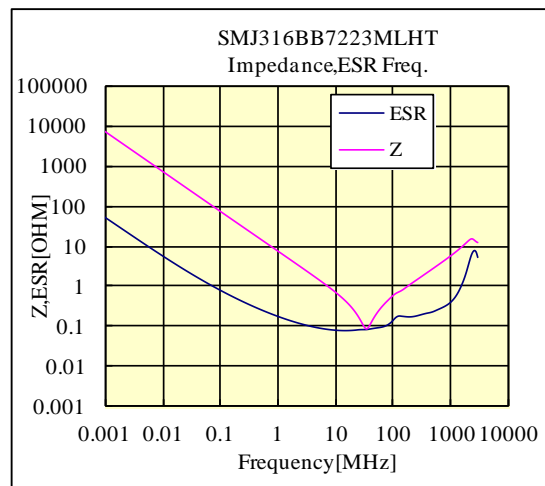
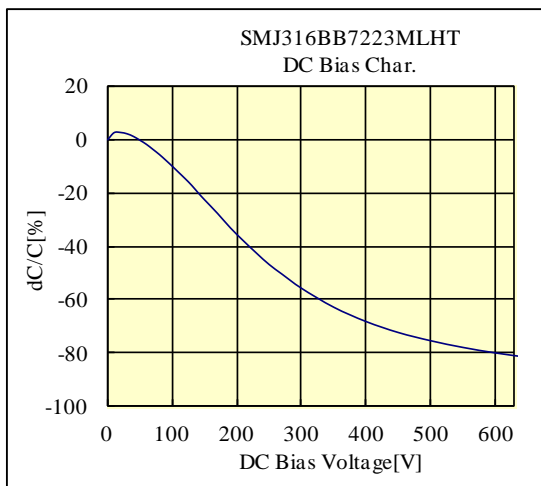
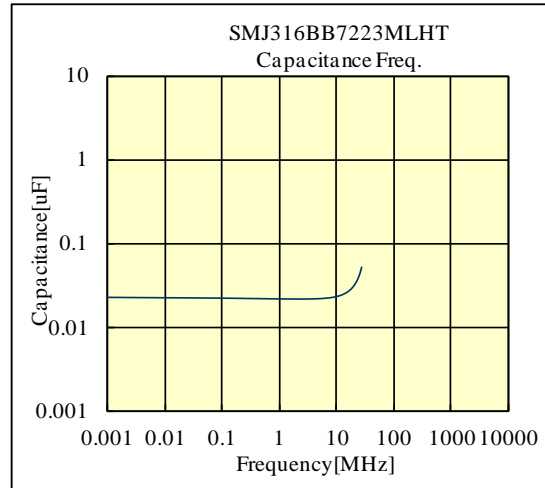
| | |
|-------------|-------------------|
| Dimension L | 3.2 ±0.30 mm |
| Dimension W | 1.6 ±0.30 mm |
| Dimension T | 1.6 ±0.30 mm |
| Dimension e | 0.60 +0.4/-0.3 mm |

2017.04.30

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

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630V 3216 X7R 0.022 μ F +/- 20% t=1.9mmMAX
630V 1206 X7R 0.022 μ F +/- 20% t=0.075inchMAX



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