

Medium-High Voltage Multilayer Ceramic Capacitors

HMK316B7105KL-T



■ Features

- Item Summary
1 μ F \pm 10%, 100V,
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

| | |
|---|--------------------------|
| Capacitance | 1 μ F \pm 10 % |
| Case Size (EIA/JIS) | 1206/3216 |
| Rated Voltage | 100 V |
| $\tan \delta$ (max) | 3.5 % |
| Temperature Characteristic (EIA) | X7R |
| Operating Temp. Range (EIA) | -55 to +125 °C |
| High Temperature Loading (% Rated Voltage) | 200 % |
| Insulation Resistance (min) | 100 M Ω · μ F |
| RoHS2 Compliance (10 subst.) | Yes |
| REACH Compliance (173 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|---------------------|
| Dimension L | 3.2 \pm 0.15 mm |
| Dimension W | 1.6 \pm 0.15 mm |
| Dimension T | 1.6 \pm 0.20 mm |
| Dimension e | 0.50 +0.35/-0.25 mm |

2017.11.16

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 **TAIYO YUDEN**

-Electrical Characteristics Data-

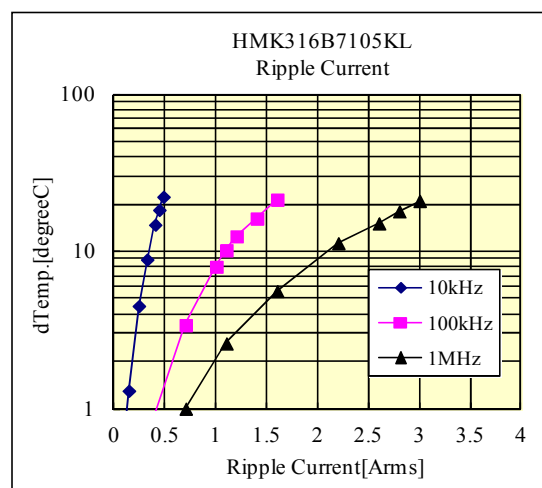
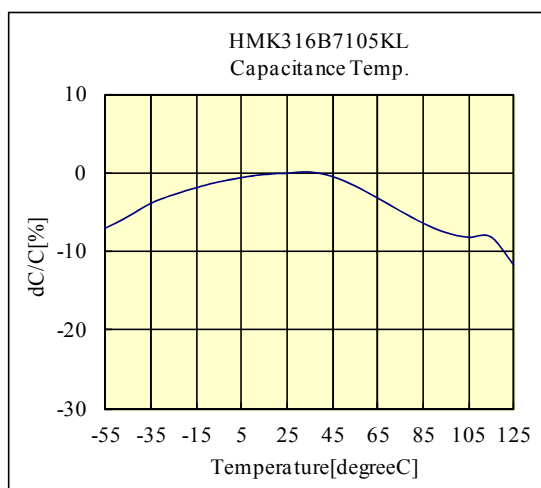
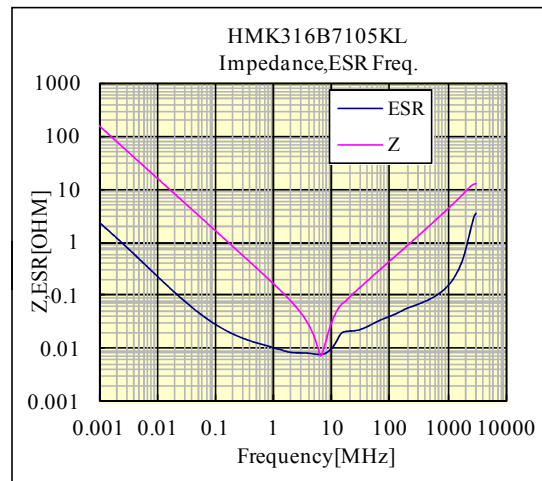
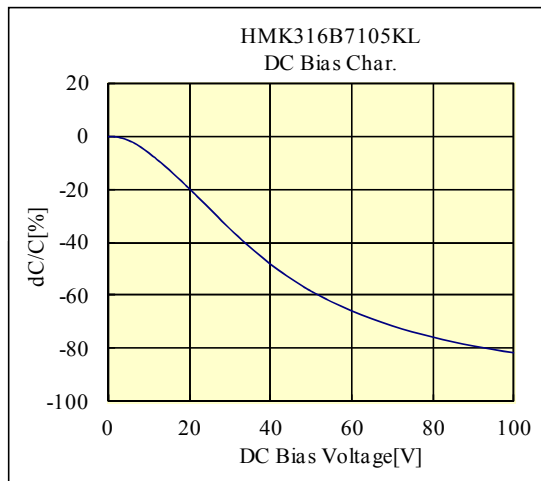
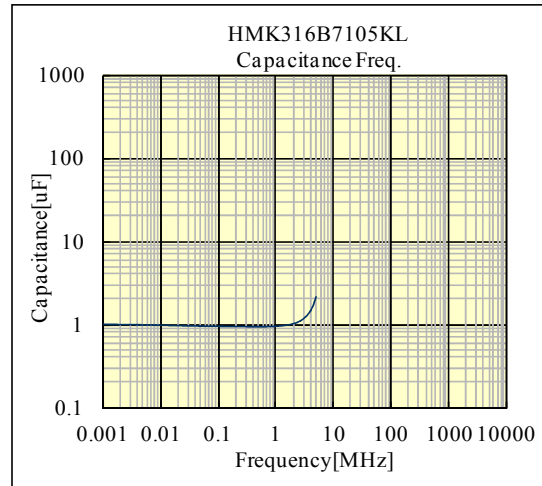
16QA03

RoHS compliance product

○HMK316B7105KL

100V 3216 X7R 1uF +/- 10% t=1.8mmMAX

100V 1206 X7R 1uF +/- 10% t=0.071inchMAX



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