

Multilayer Ceramic Capacitors

HMK316BJ105KL-T



■ Features

- Item Summary
1 μ F $\pm$ 10%, 100V,
X5R/B, 1206/3216 (EIA/JIS)
- Lifecycle Stage
New PN available
- 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)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
Temperature Characteristic (JIS)	B
Operating Temp. Range (JIS)	-25 to +85 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	100 M Ω · μ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 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

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

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-Electrical Characteristics Data-

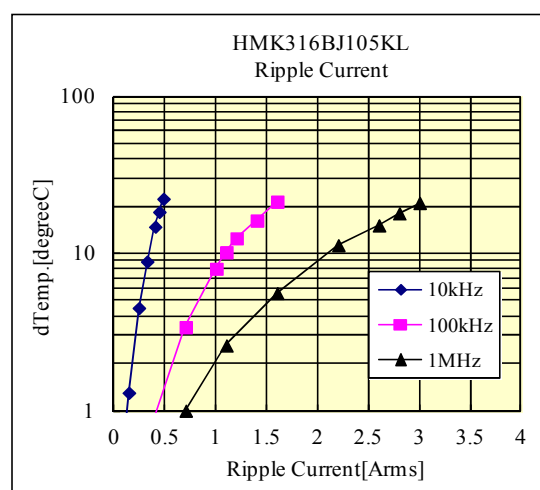
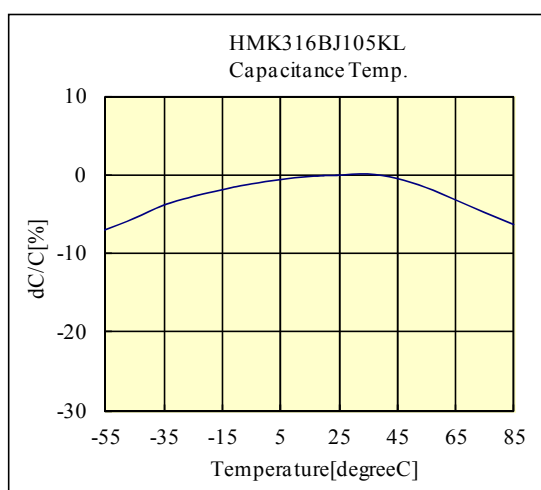
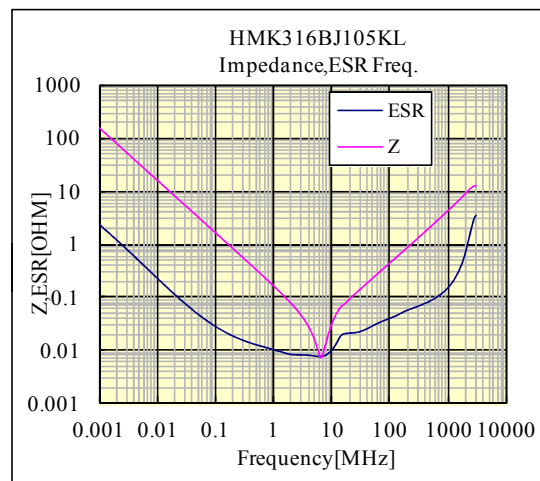
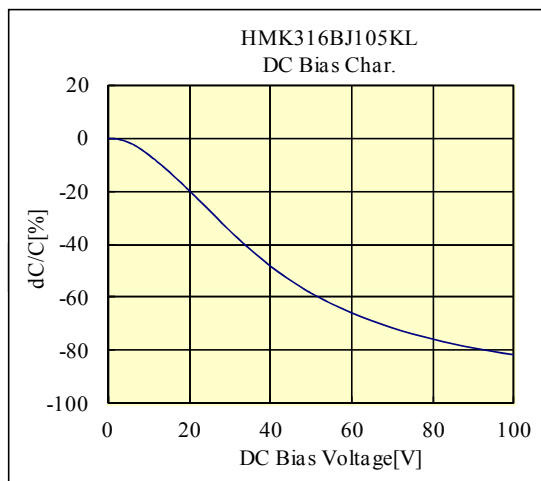
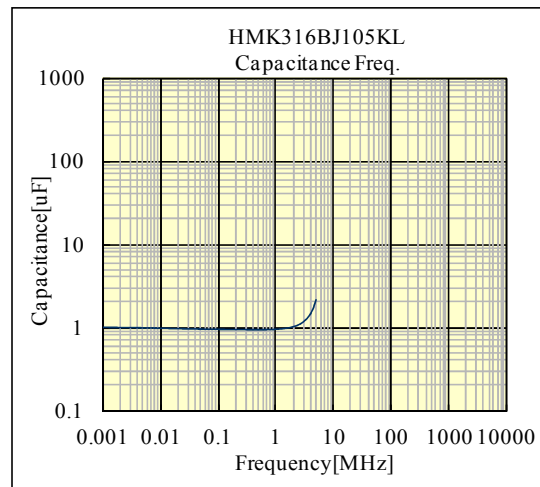
16U1A03

RoHS compliance product

○HMK316BJ105KL

100V 3216 B/X5R 1 μ F $\pm$ 10% $t=1.8\text{mm}$ MAX

100V 1206 B/X5R 1 μ F $\pm$ 10% $t=0.071\text{inch}$ MAX



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