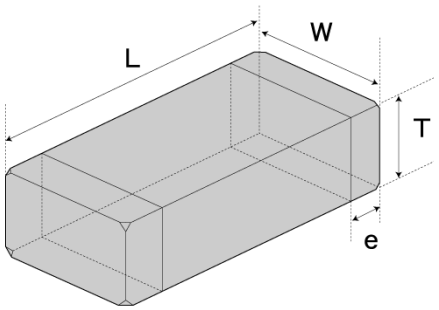
Spec Sheet

Medium-High Voltage Multilayer Ceramic Capacitors

HMK316BJ105KL-T



Features

- Item Summary

  1uF±10%, 100V,

  X5R/B, 1206/3216 (EIA/JIS)

- Lifecycle Stage

  Mass Production

- Standard packaging quantity (minimum)

  Taping Embossed 2000pcs

Products characteristics table

Capacitance	1 uF ± 10 %
Case Size (EIA/JIS)	1206/3216
Rated Voltage	100 V
tan δ (max)	3.5 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 ℃
Temperature Characteristic (JIS)	B
Operating Temp. Range (JIS)	-25 to +85 ℃
High Temperature Loading (% Rated Voltage)	200 %
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 ±0.15 mm
Dimension W	1.6 ±0.15 mm
Dimension T	1.6 ±0.20 mm
Dimension e	0.50 +0.35/-0.25 mm

2017.04.30

Multi Layer Ceramic Capacitor

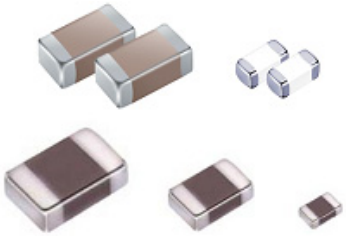
TAIYO YUDEN

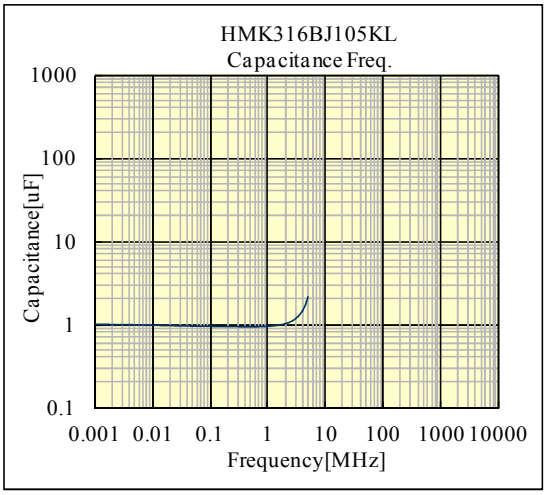
-Electrical Characteristics Data- 16U1A03

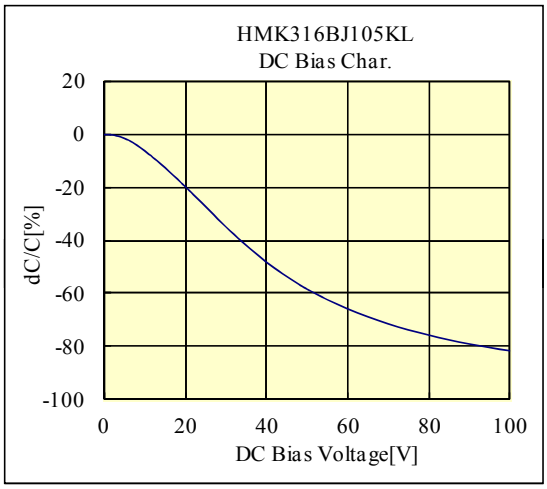
RoHS compliance product

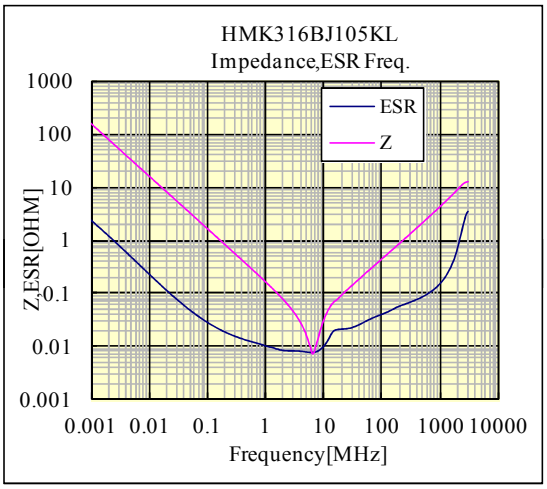
○*HMK316BJ105KL*

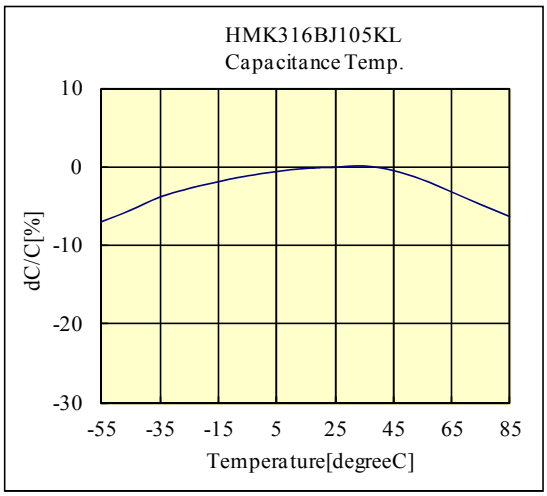
100V 3216 B/X5R 1uF +/- 10% t=1.8mmMAX
100V 1206 B/X5R 1uF +/- 10% t=0.071inchMAX

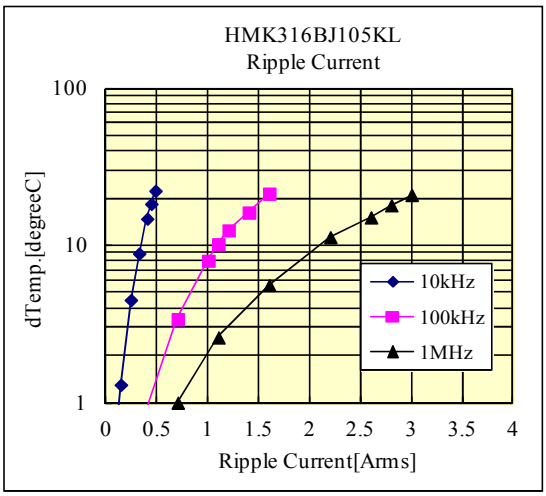












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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
TAIYO YUDEN reserves the right to make change to the data at any time without notice.
Before making final selection, please check product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