

Spec Sheet

Medium-High Voltage MLCC for Automotive (POWERTRAIN, SAFETY) Applications(Cu external electrode products)

HMR316BC7225KL-T



■ Features

- Item Summary
2.2 μ F \pm 10%, 100V,
X7S, 1206/3216 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

Capacitance	2.2 μ F \pm 10 %
Case Size (EIA/JIS)	1206/3216
Rated Voltage	100 V
$\tan \delta$ (max)	3.5 %
Temperature Characteristic (EIA)	X7S
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 M Ω · μ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	3.2 \pm 0.30 mm
Dimension W	1.6 \pm 0.30 mm
Dimension T	1.6 \pm 0.30 mm
Dimension e	0.50 +0.35/-0.25 mm

2021.07.01

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-

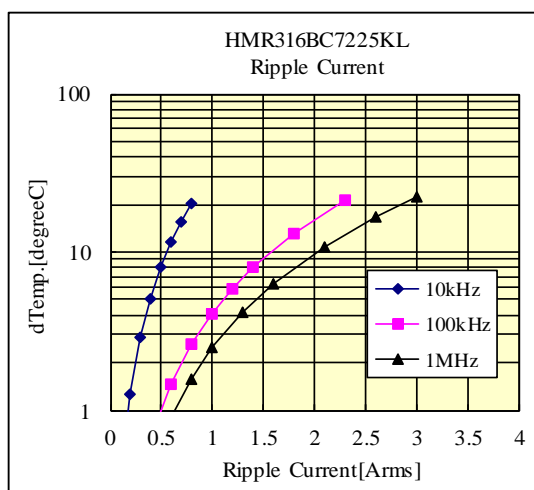
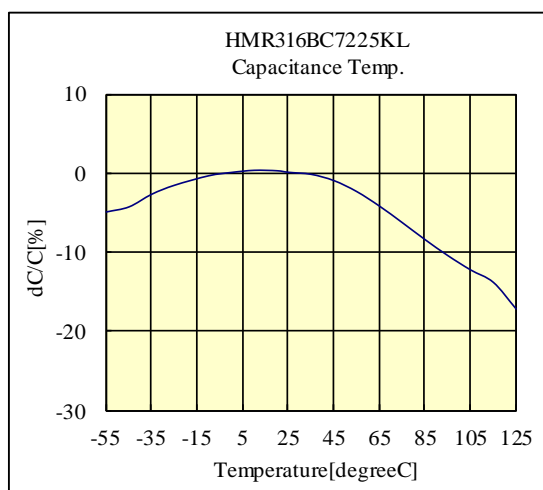
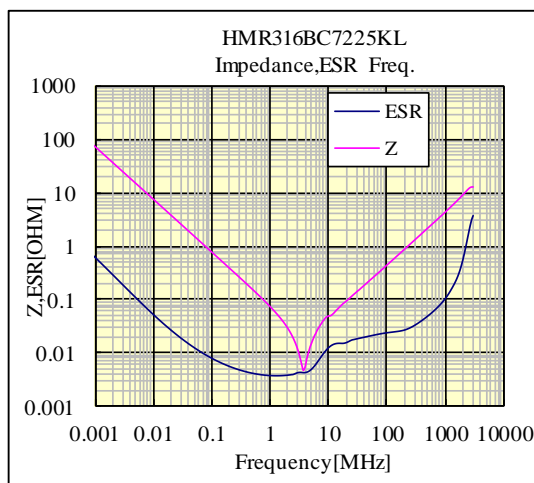
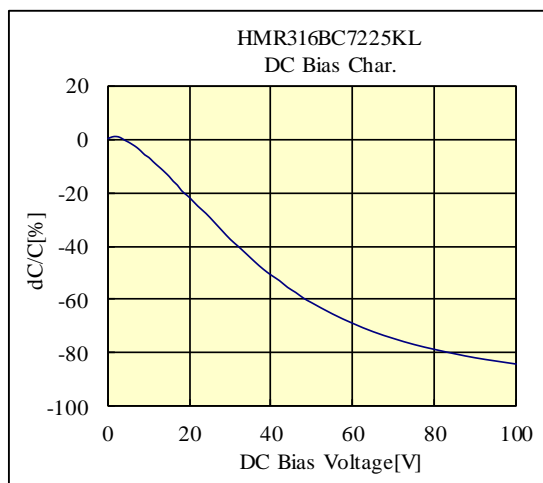
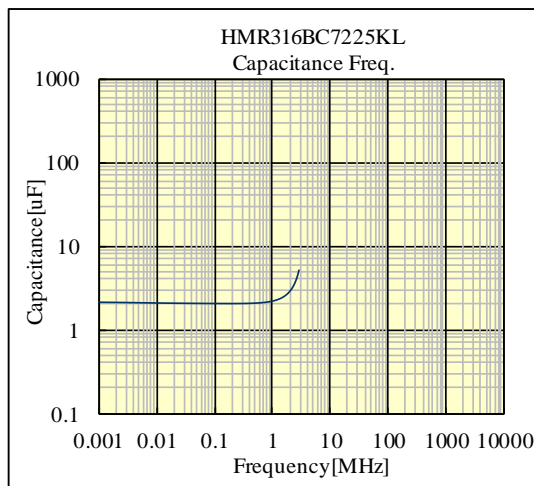
20U2A03

RoHS compliance product

○HMR316BC7225KL

100V 3216 X7S 2.2 μ F +/- 10% t=1.9mmMAX

100V 1206 X7S 2.2 μ F +/- 10% t=0.075inchMAX



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[>>Taiyo Yuden\(太阳诱电\)](#)