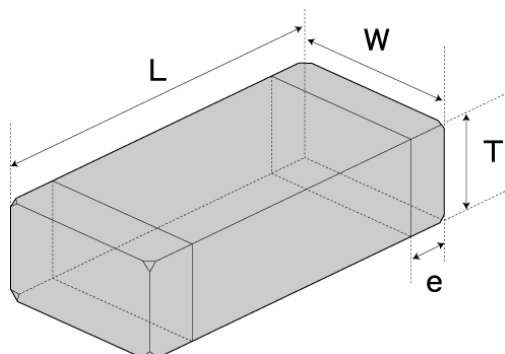


High Reliability (Automotive) Application Multilayer Ceramic

EMR316B7225KL-T



■ Features

- Item Summary
16V, X7R, 2.2 μ F, $\pm 10\%$, 1206
- Lifecycle Stage
Mass Production
- meet AEC-Q200 requirements
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

External Dimensions (EIA/JIS)	1206/3216
Rated Voltage (max)	16V
Capacitance	2.2 μ F
Capacitance Tolerance	$\pm 10\%$
Resistance	500 M Ω · μ F min.
Dielectric Loss Tangent	3.5%MAX
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125°C/-
Capacitance Change (EIA/JIS)	$\pm 15\%$ -%
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	3.2mm ± 0.15
W	1.6mm ± 0.15
T	1.6mm ± 0.20
e	0.5mm +0.35:-0.25

2015.01.15

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.

Multi Layer Ceramic Capacitor

TAIYO YUDEN

-Electrical Characteristics Data-

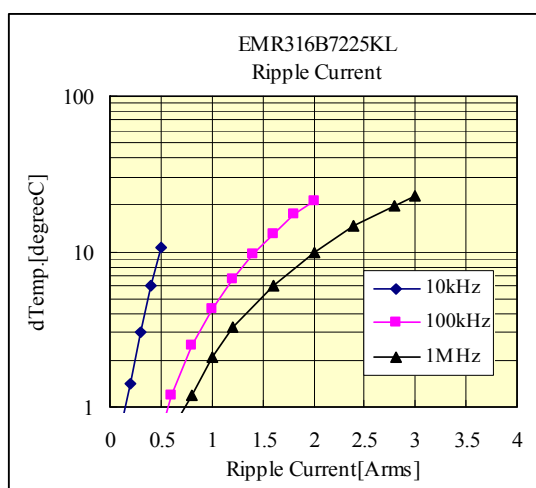
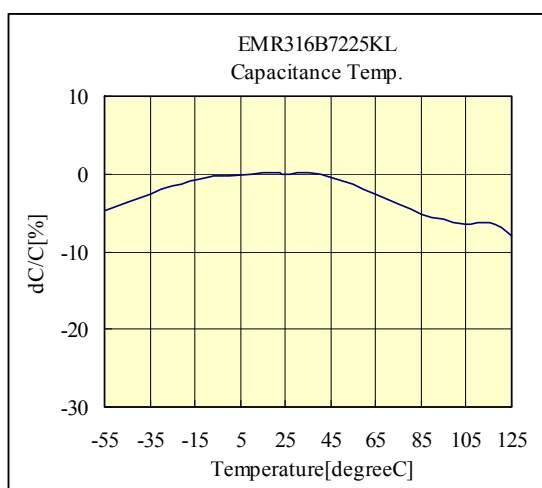
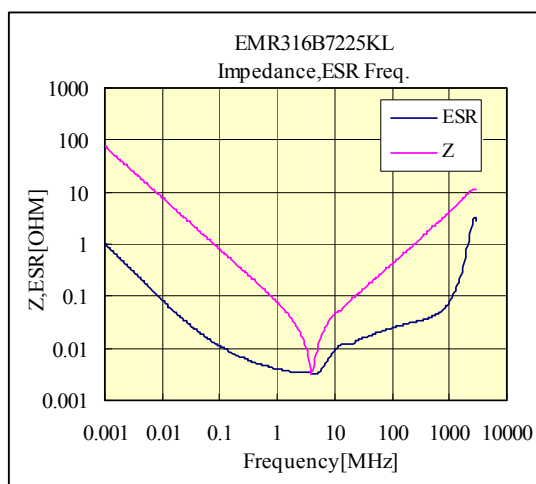
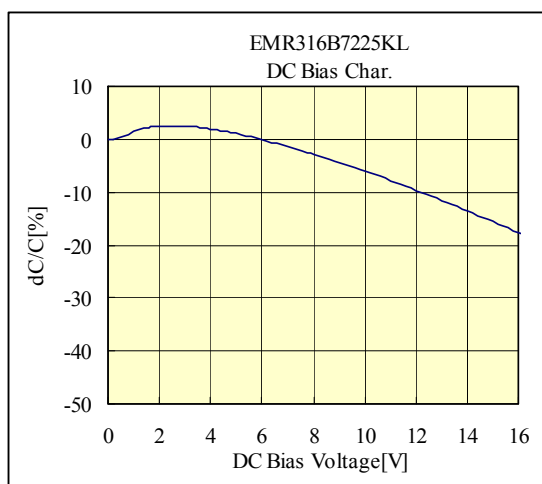
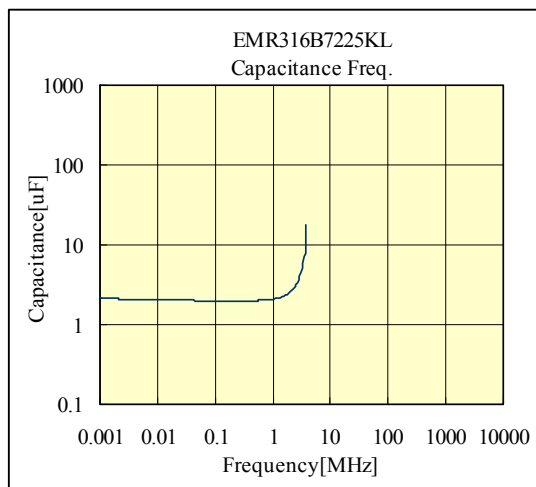
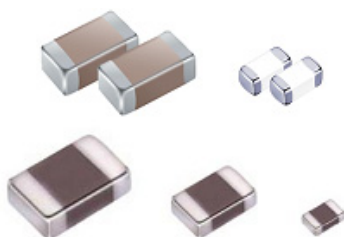
12QA02

RoHS compliance product

○EMR316B7225KL

16V 3216 X7R 2.2 μ F $\pm$ 10% $t=1.8\text{mm}$ MAX

16V 1206 X7R 2.2 μ F $\pm$ 10% $t=0.07\text{inch}$ MAX



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