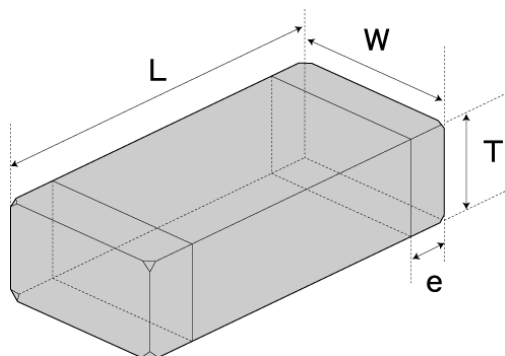


High Value Multilayer Ceramic Capacitors (High dielectric type)

EMK316B7225ML-T



■ Features

- Item Summary
2.2 μ F \pm 20%, 16V,
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

Capacitance	2.2 μ F \pm 20 %
Case Size (EIA/JIS)	1206/3216
Rated Voltage	16 V
tan δ (max)	3.5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 $^{\circ}$ C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	500 M Ω \cdot μ F
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow/Wave

■ 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

2016.05.27

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

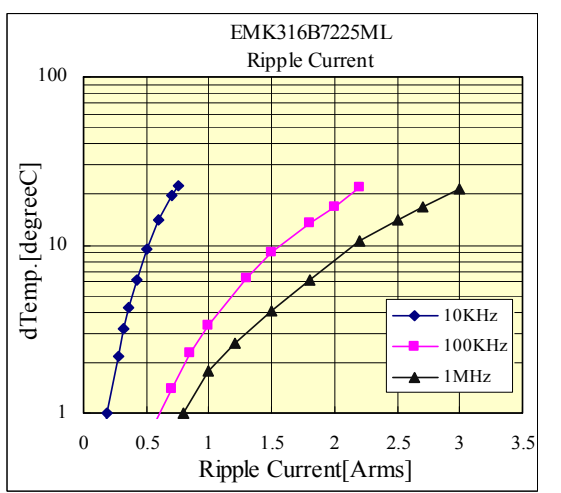
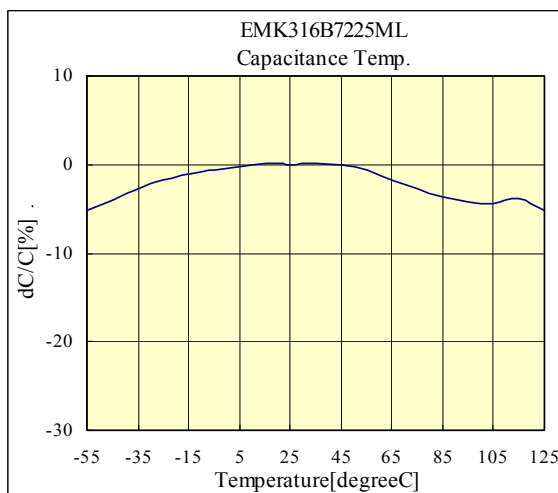
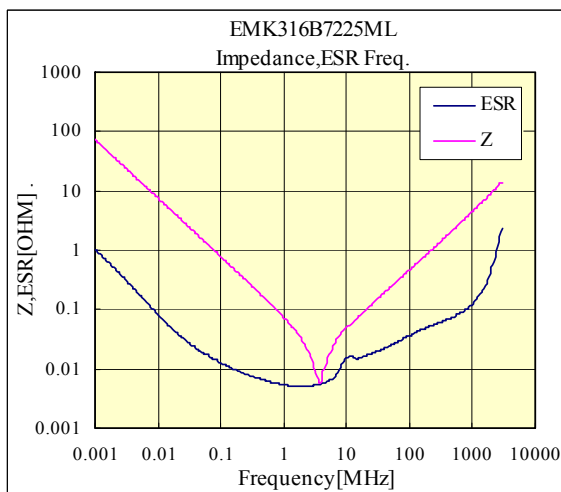
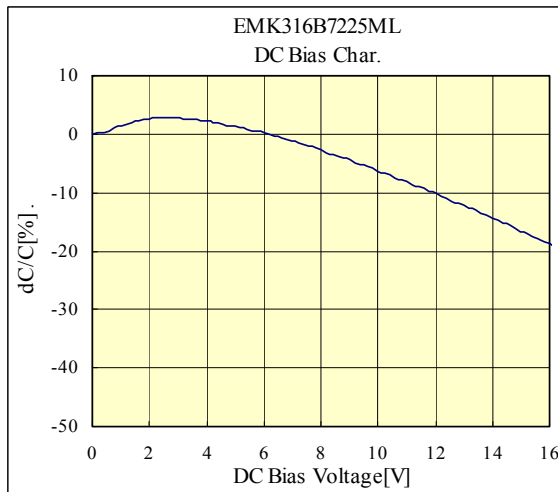
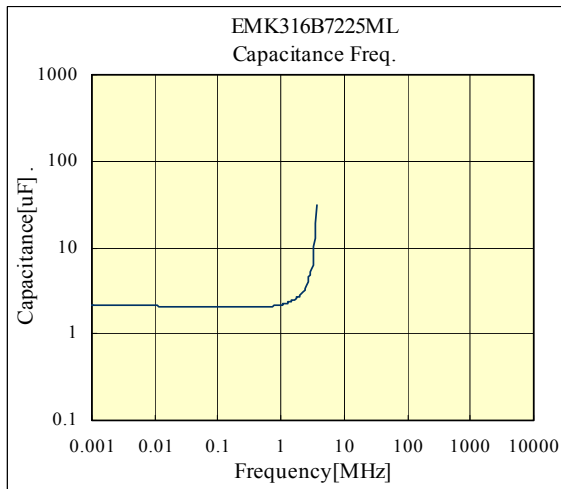
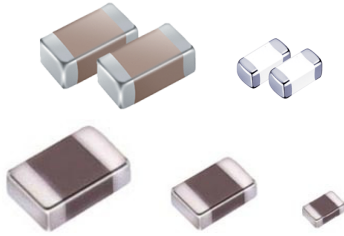
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-Electrical Characteristics Data- 10QA08

RoHS compliance product

○EMK316B7225ML

16V 3216 X7R 2.2 μ F +/-20% t=1.8mmMAX
16V 1206 X7R 2.2 μ F +/-20% t=0.071inchMAX



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