

MLCC for Automotive (POWERTRAIN, SAFETY) Applications

EMF325B7225MMHP



■ Features

- Item Summary
2.2uF±20%, 16V,
X7R, 1210/3225 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 1000pcs

■ Products characteristics table

Capacitance	2.2 uF ± 20 %
Case Size (EIA/JIS)	1210/3225
Rated Voltage	16 V
tan δ (max)	3.5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	100 MΩ · μF
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	3.2 ±0.30 mm
Dimension W	2.5 ±0.20 mm
Dimension T	2.5 ±0.20 mm
Dimension e	0.60 ±0.30 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-

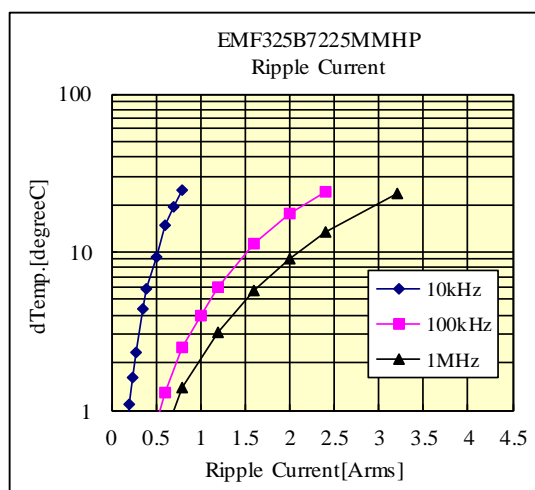
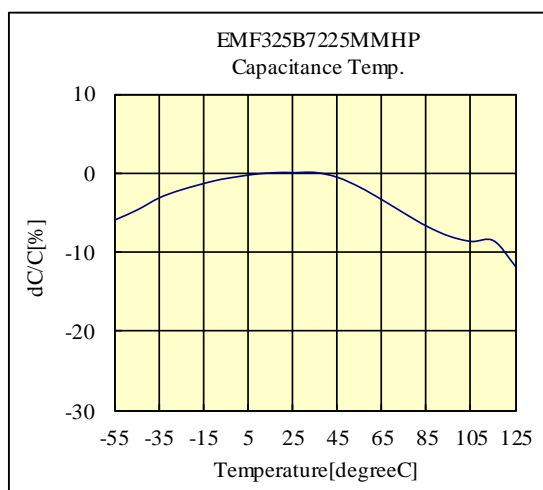
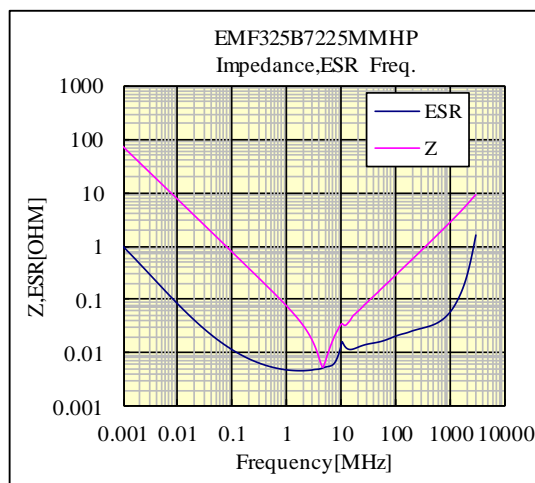
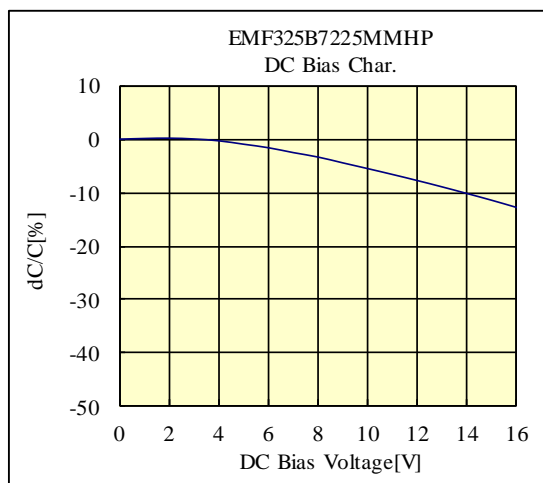
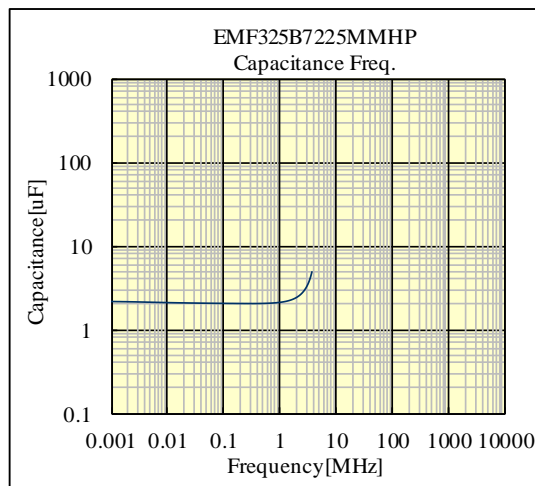
18U1A06

RoHS compliance product

○EMF325B7225MMHP

16V 3225 X7R 2.2uF +/- 20% t=2.7mmMAX

16V 1210 X7R 2.2uF +/- 20% t=0.106inchMAX



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[>>Taiyo Yuden\(太阳诱电\)](#)