

# Spec Sheet

Multilayer Ceramic Capacitors (High dielectric type) for Automotive (BODY & CHASSIS, INFOTAINMENT) / Industrial Applications

## EMK325B7226KMHP



### ■ Features

- Item Summary  
22 $\mu$ F $\pm$ 10%, 16V,  
X7R, 1210/3225 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Embossed 1000pcs

### ■ Products characteristics table

Capacitance	22 $\mu$ F $\pm$ 10 %
Case Size (EIA/JIS)	1210/3225
Rated Voltage	16 V
$\tan \delta$ (max)	10 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 M $\Omega$ · $\mu$ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (191 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

### ■ External Dimensions

Dimension L	3.2 $\pm$ 0.30 mm
Dimension W	2.5 $\pm$ 0.20 mm
Dimension T	2.5 $\pm$ 0.20 mm
Dimension e	0.60 $\pm$ 0.30 mm

2019.03.21

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-

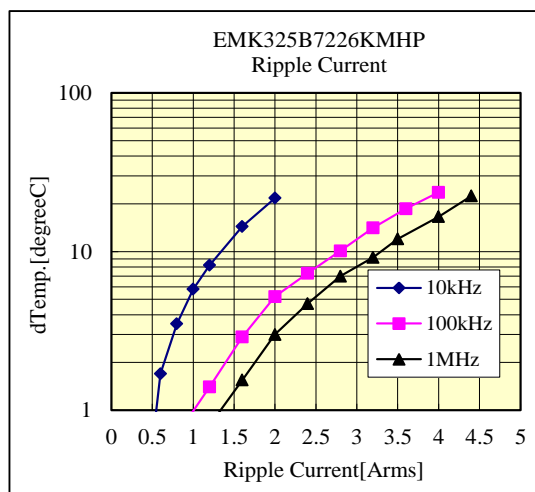
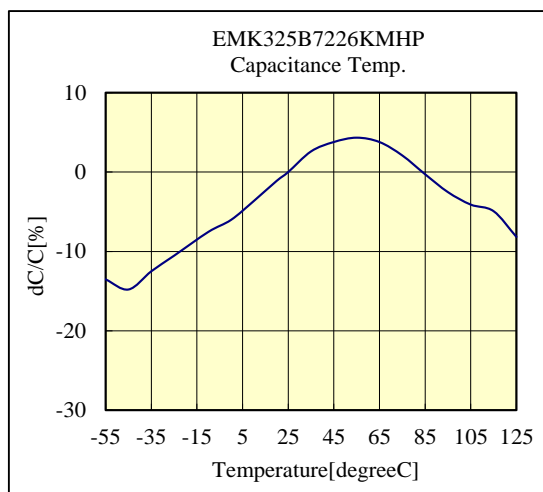
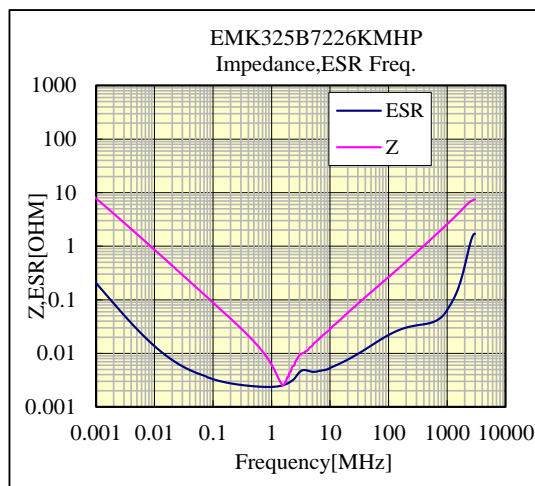
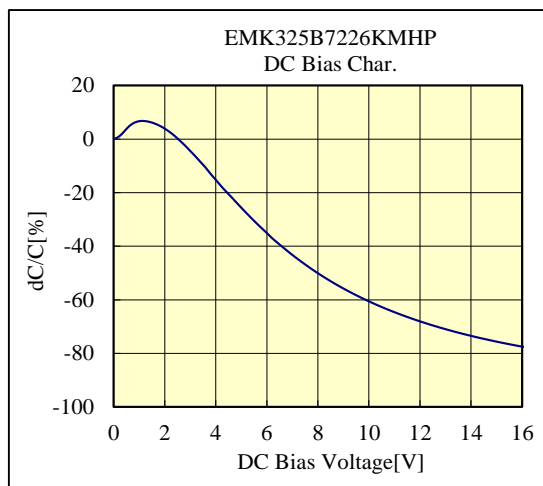
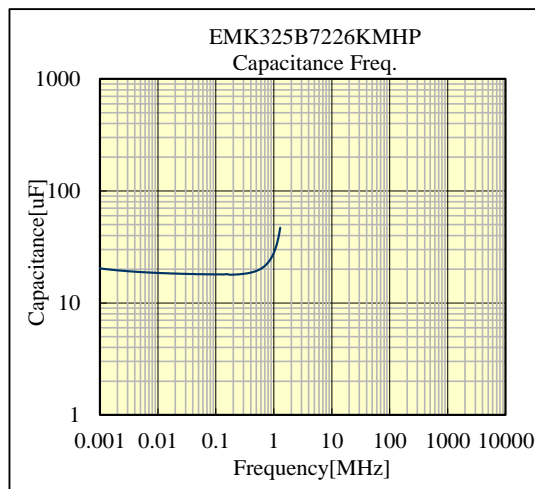
17R2B12

RoHS compliance product

### ○EMK325B7226KMHP

16V 3225 X7R 22uF +/- 10% t=2.7mmMAX

16V 1210 X7R 22uF +/- 10% t=0.106inchMAX



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