

## Multilayer Ceramic Capacitors

## EMK212BJ105MGHT



## ■ Features

- Item Summary  
1 $\mu$ F $\pm$ 20%, 16V,  
X5R, 0805/2012 (EIA/JIS)
- Lifecycle Stage  
New PN available
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Embossed 3000pcs

## ■ Products characteristics table

Capacitance	1 $\mu$ F $\pm$ 20 %
Case Size (EIA/JIS)	0805/2012
Rated Voltage	16 V
$\tan \delta$ (max)	3.5 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	500 M $\Omega$ · $\mu$ F
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

## ■ External Dimensions

Dimension L	2.0 $\pm$ 0.10 mm
Dimension W	1.25 $\pm$ 0.10 mm
Dimension T	1.25 $\pm$ 0.10 mm
Dimension e	0.50 $\pm$ 0.25 mm

2022.05.31

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-

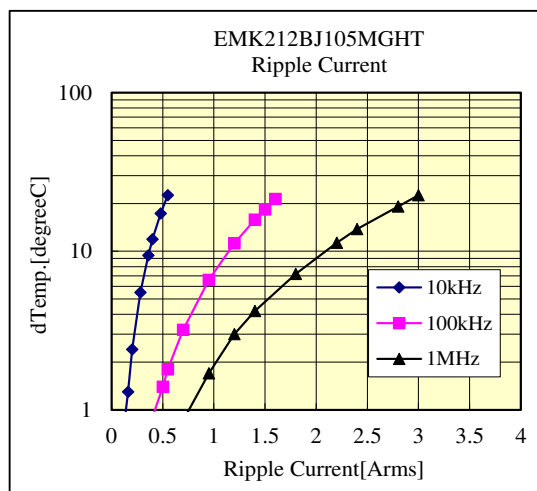
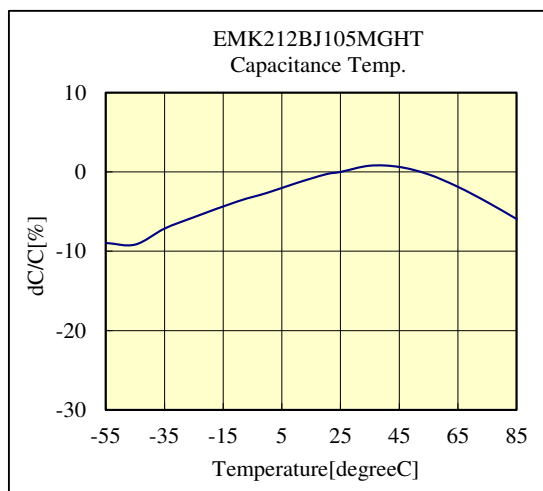
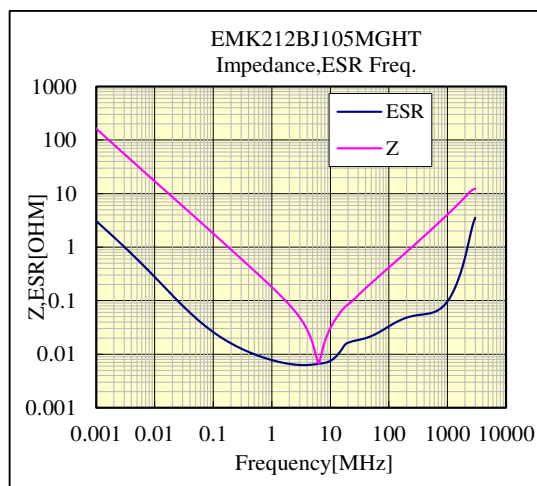
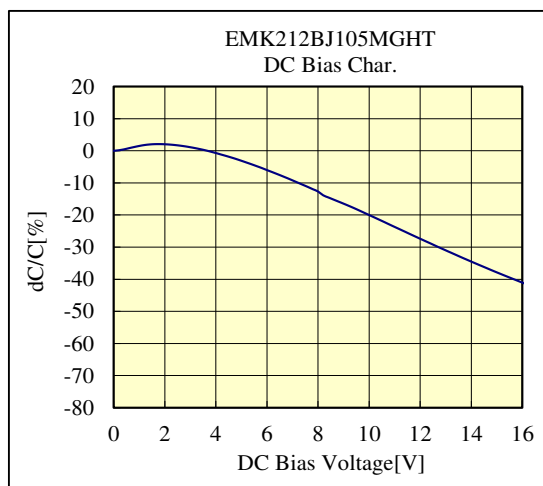
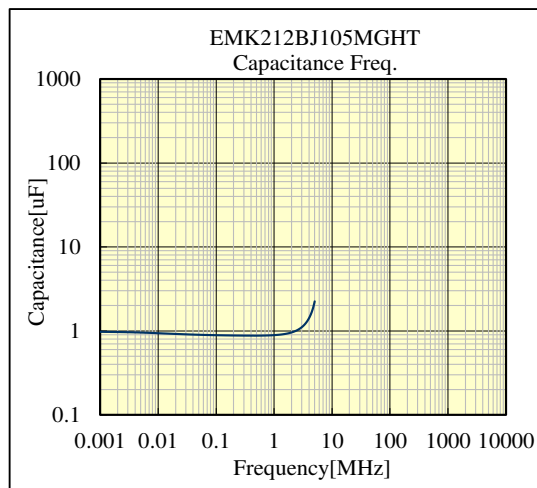
17HA07

RoHS compliance product

### ○EMK212BJ105MGHT

16V 2012 X5R 1uF +/- 20% t=1.35mmMAX

16V 0805 X5R 1uF +/- 20% t=0.053inchMAX



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