

High Value Multilayer Ceramic Capacitors (High dielectric type)

EMK212BJ105MD-T



■ Features

- Item Summary
1 μ F \pm 20%, 16V,
X5R/B, 0805/2012 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping paper 4000pcs

■ Products characteristics table

Capacitance	1 μ F \pm 20 %
Case Size (EIA/JIS)	0805/2012
Rated Voltage	16 V
$\tan \delta$ (max)	5 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
Temperature Characteristic (JIS)	B
Operating Temp. Range (JIS)	-25 to +85 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	100 M Ω · μ F
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 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	0.85 \pm 0.10 mm
Dimension e	0.50 \pm 0.25 mm

2017.04.30

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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 Before making final selection, please check product specification.

Multi Layer Ceramic Capacitor

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-Electrical Characteristics Data-

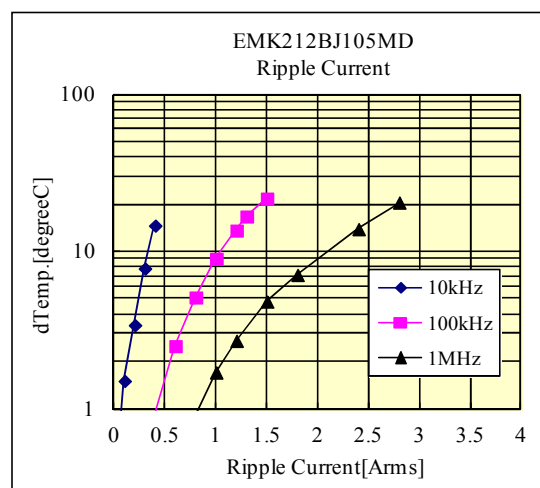
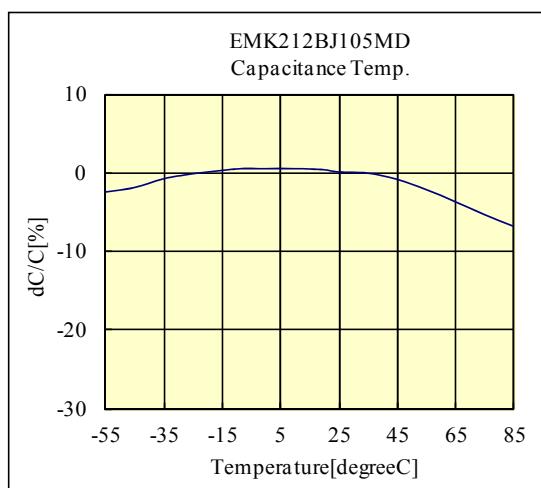
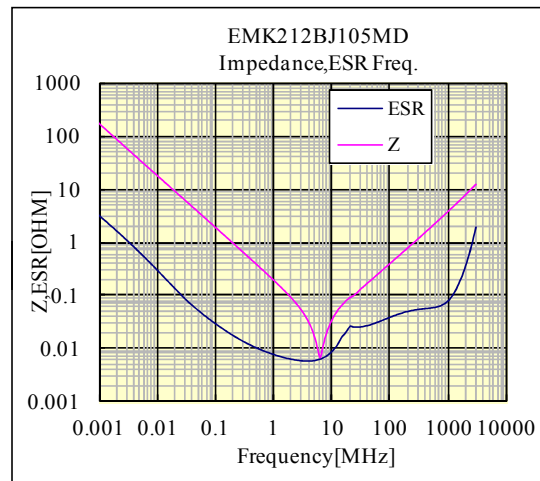
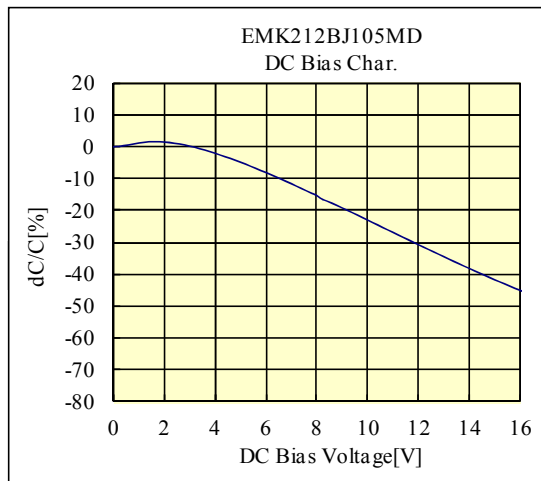
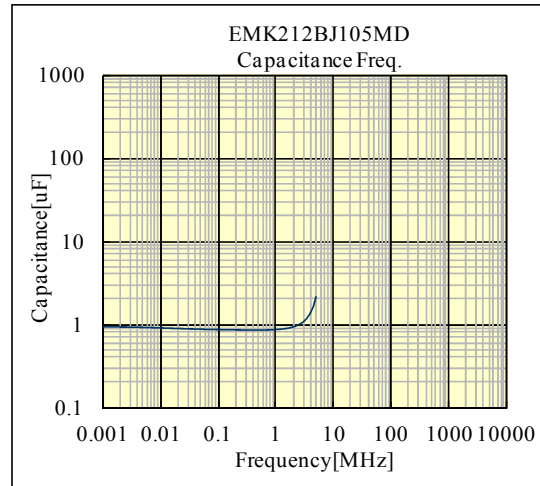
16QA03

RoHS compliance product

○EMK212BJ105MD

16V 2012 B/X5R 1uF +/- 20% t=0.95mmMAX

16V 0805 B/X5R 1uF +/- 20% t=0.037inchMAX



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