

Standard Multilayer Ceramic Capacitors (Temperature compensating type)

EMK042CG010AD-W



■ Features

- Item Summary
1pF±0.05pF, 16V,
C0G/CG, 01005/0402 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 40000pcs

■ Products characteristics table

Capacitance	1 pF ± 0.05pF
Case Size (EIA/JIS)	01005/0402
Rated Voltage	16 V
Q (min)	420 at 1MHz
Temperature Characteristic (EIA)	C0G
Operating Temp. Range (EIA)	-55 to +125 °C
Temperature Characteristic (JIS)	CG
Operating Temp. Range (JIS)	-55 to +125 °C
Temperature Characteristic	0 ±30 ppm/°C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 GΩ
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	0.4 ±0.02 mm
Dimension W	0.2 ±0.02 mm
Dimension T	0.2 ±0.02 mm
Dimension e	0.10 ±0.03 mm

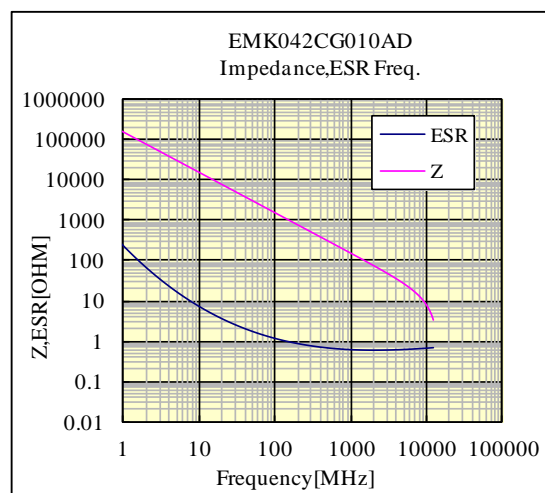
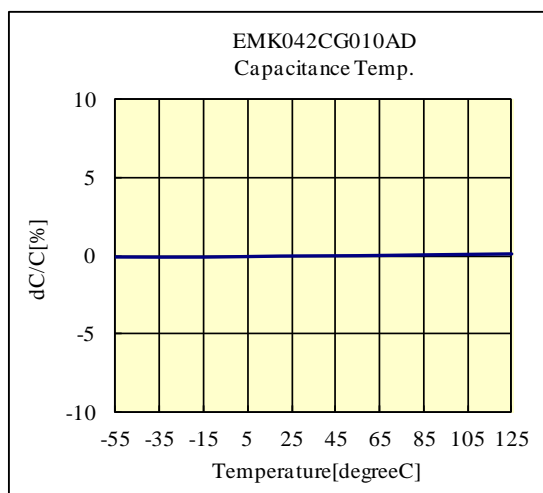
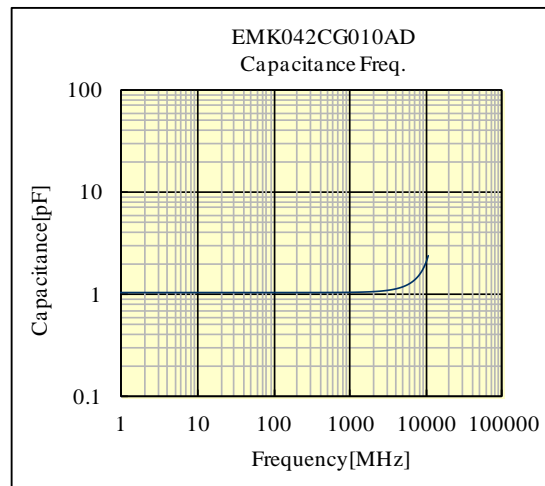
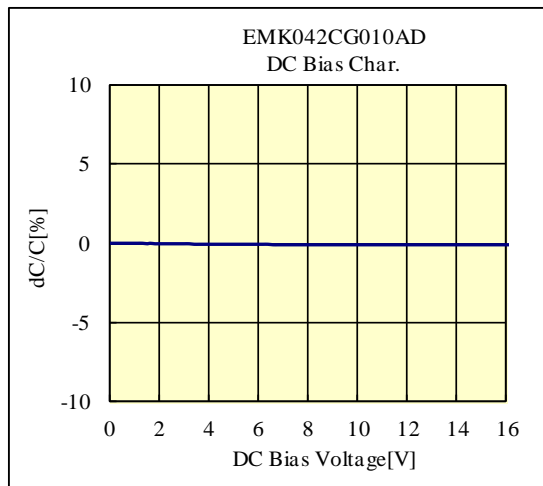
2016.11.30

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.

○EMK042CG010AD

16V 0402 CG/C0G 1pF +/- 0.05pF t=0.22mmMAX

16V 01005 CG/C0G 1pF +/- 0.05pF t=0.009inchMAX



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