

Multilayer Ceramic Capacitors

EMK042CG271JC-W



■ Features

- Item Summary
270pF±5%, 16V,
COG/CG, 01005/0402 (EIA/JIS)
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Embossed 40000pcs

■ Products characteristics table

Capacitance	270 pF ± 5 %
Case Size (EIA/JIS)	01005/0402
Rated Voltage	16 V
Q (min)	1000 at 1MHz
Temperature Characteristic (EIA)	COG
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
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 subst.)	Yes
Halogen Free	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

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-

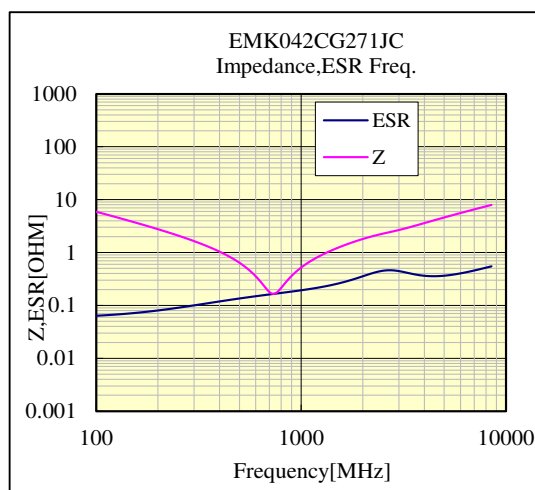
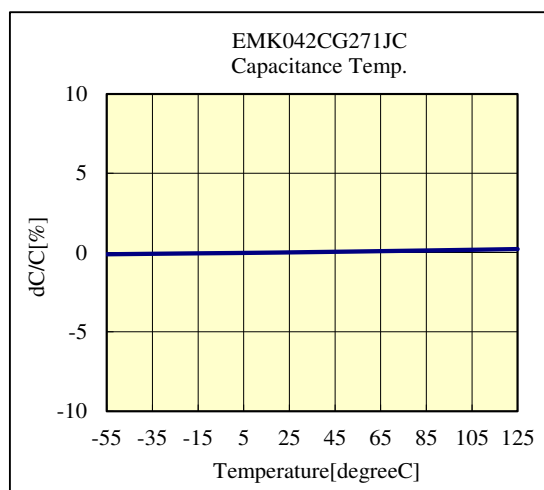
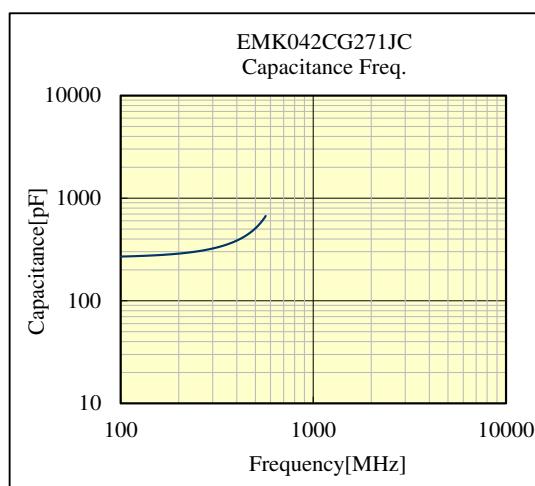
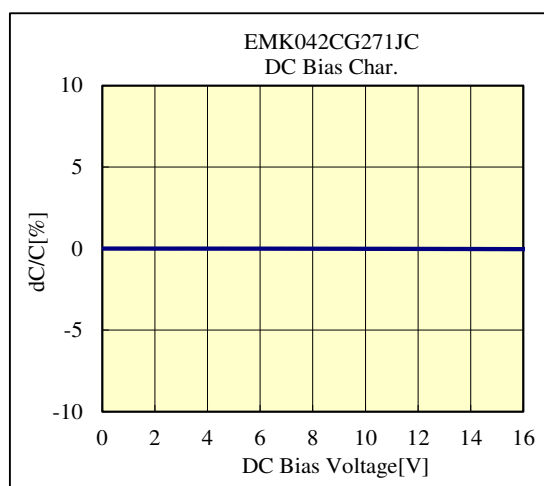
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RoHS compliance product

○EMK042CG271JC

16V 0402 CG/C0G 270pF +/- 5% t=0.22mmMAX

16V 01005 CG/C0G 270pF +/- 5% t=0.009inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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