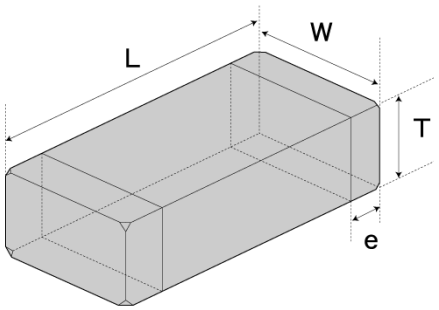
Spec Sheet

Multilayer Ceramic Capacitors

UMK105CG221JVHF



Features

- Item Summary

  220pF±5%, 50V,

  C0G/CG, 0402/1005 (EIA/JIS)
- Lifecycle Stage

  New PN available
- AEC-Q200 qualified
- Standard packaging quantity (minimum)

  Taping Paper 10000pcs

Products characteristics table

Capacitance	220 pF ± 5 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	50 V
Q (min)	1000 at 1MHz
Temperature Characteristic (EIA)	C0G
Operating Temp. Range (EIA)	-55 to +125 ℃
Temperature Characteristic (JIS)	CG
Operating Temp. Range (JIS)	-55 to +125 ℃
Temperature Characteristic	0 ±30 ppm/℃
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	1.0 ±0.05 mm
Dimension W	0.5 ±0.05 mm
Dimension T	0.5 ±0.05 mm
Dimension e	0.25 ±0.10 mm

2022.06.01

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.

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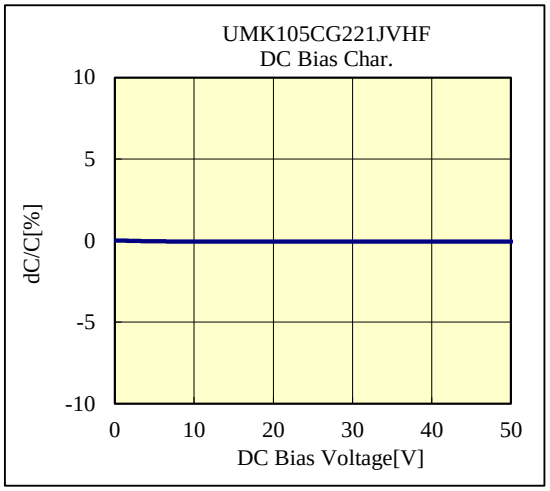
Multi Layer Ceramic Capacitor -Electrical Characteristics Data- 17CDD07

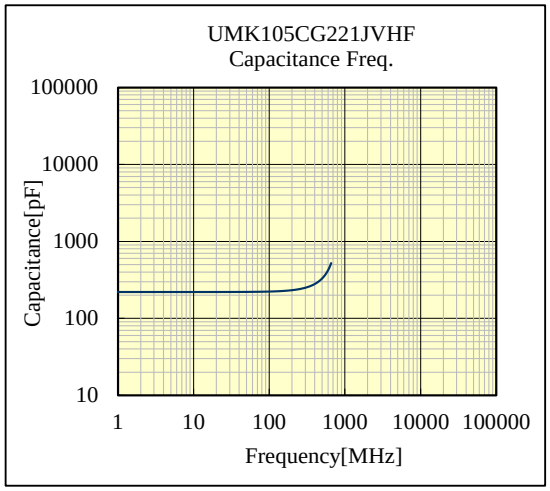
RoHS compliance product

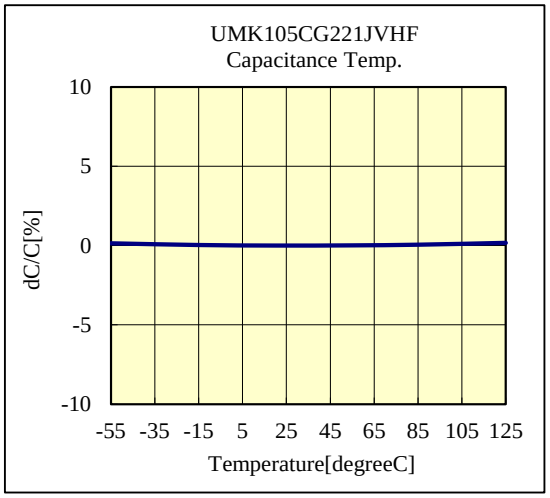
○*UMK105CG221JVHF*

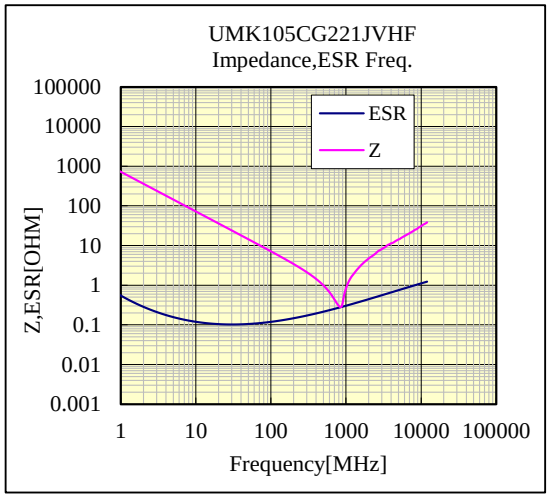
50V 1005 CG/C0G 220pF +/- 5% t=0.55mmMAX
50V 0402 CG/C0G 220pF +/- 5% t=0.022inchMAX











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  Please do not incorporate our products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment, military equipment).
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