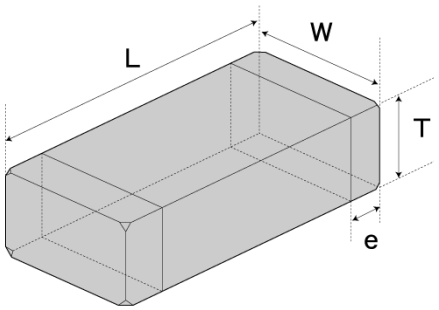
Spec Sheet

Multilayer Ceramic Capacitors (Temperature compensating type)

TMK021CG3R7CK-W



Features

- Item Summary

  3.7pF±0.25pF, 25V,

  C0G/CG, 008004/0201 (EIA/JIS)

- Lifecycle Stage

  Mass Production (Preferred)

- Standard packaging quantity (minimum)

  Taping Embossed 50000pcs

Products characteristics table

Capacitance	3.7 pF ± 0.25pF
Case Size (EIA/JIS)	008004/0201
Rated Voltage	25 V
Q (min)	474 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 (209 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

External Dimensions

Dimension L	0.25 ±0.013 mm
Dimension W	0.125 ±0.013 mm
Dimension T	0.125 ±0.013 mm
Dimension e	0.0675 ±0.0275 mm

2021.09.29

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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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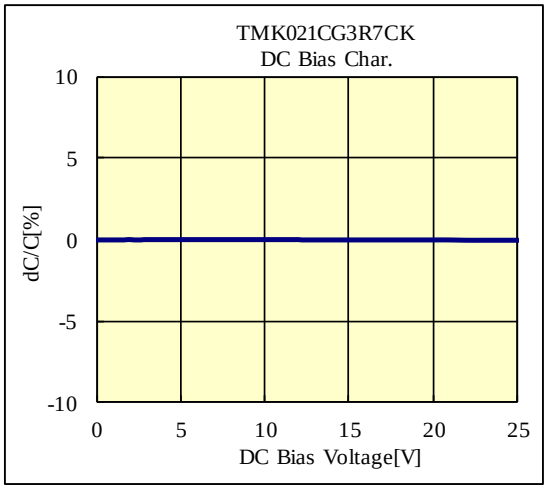
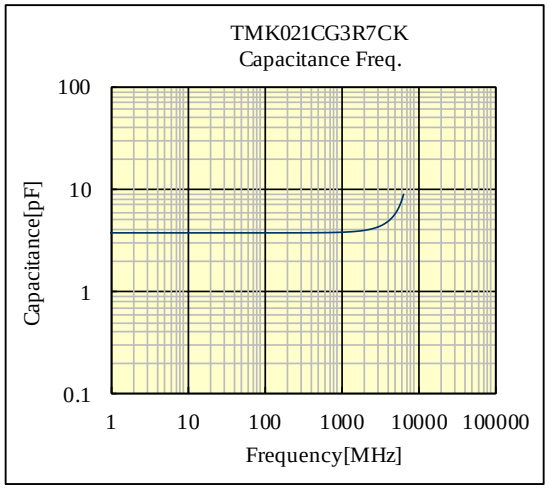
Multi Layer Ceramic Capacitor -Electrical Characteristics Data- 18CDD10

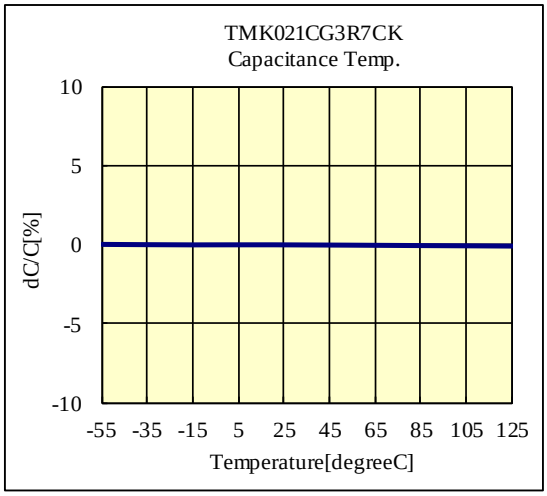
RoHS compliance product

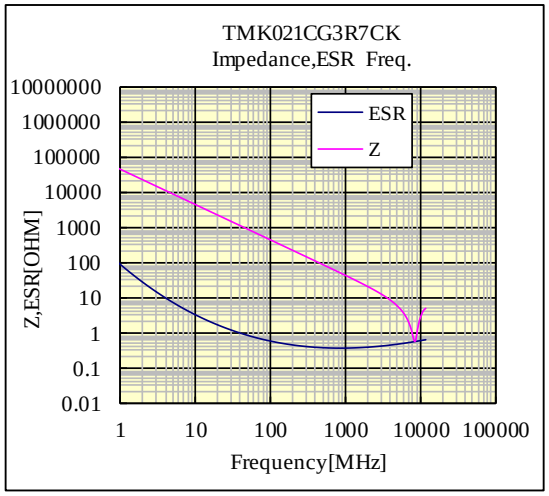
○*TMK021CG3R7CK*

25V 0201 CG/C0G 3.7pF +/- 0.25pF t=0.138mmMAX
25V 008004 CG/C0G 3.7pF +/- 0.25pF t=0.0054inchMAX









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REMINDERS

- Please conduct validation and verification of our products in actual condition of mounting and operating environment before using our products.
- The product listed in this spec sheet is intended for use in general electronic equipment (e.g., AV equipment, OA equipment, home electric appliances, office equipment, information and communication equipment including, without limitation, mobile phone, and PC) and medical equipment classified as Class I or II by IMDRF. Please be sure to contact TAIYO YUDEN for further information before using the products for any equipment which may directly cause loss of human life or bodily injury (e.g., transportation equipment including, without limitation, automotive powertrain control system, train control system, and ship control system, traffic signal equipment, disaster prevention equipment, medical equipment classified as Class III by IMDRF, highly public information network equipment including, without limitation, telephone exchange, and base station).

  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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