### **Spec Sheet**

# Multilayer Ceramic Capacitors (High dielectric type) JMK107C6475KA-T



#### Features

- Item Summary
- 4.7uF±10%, 6.3V,
- X6S, 0603/1608 (EIA/JIS)
- Lifecycle Stage
- Mass Production (Preferred)
- Standard packaging quantity (minimum)
  - Taping Paper 4000pcs

#### Products characteristics table

Capacitance	4.7 uF ± 10 %
Case Size (EIA/JIS)	0603/1608
Rated Voltage	6.3 V
tanδ (max)	10 %
Temperature Characteristic (EIA)	X6S
Operating Temp. Range (EIA)	-55 to +105 ℃
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 ΜΩ·μF
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

### External Dimensions

Dimension L	1.6 ±0.10 mm
Dimension W	0.8 ±0.10 mm
Dimension T	0.8 ±0.10 mm
Dimension e	$0.35 \pm 0.25 \text{ mm}$

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. 2020.12.25

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# **Multi Layer Ceramic Capacitor**

-Electrical Characteristics Data-

19R3A

RoHS compliance product

### OJMK107C6475KA

20

10

0

-10

-20

-40

-50 -60

-70 -80

0

1

2

3

DC Bias Voltage[V]

4

5

6

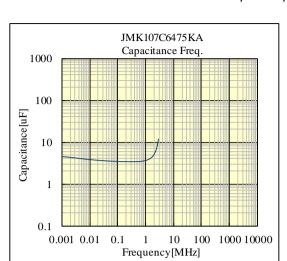
dC/C[%] -30

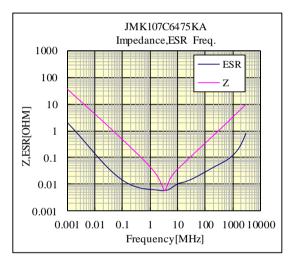
6.3V 1608 X6S 4.7uF +/- 10% t=0.9mmMAX 6.3V 0603 X6S 4.7uF +/- 10% t=0.035inchMAX

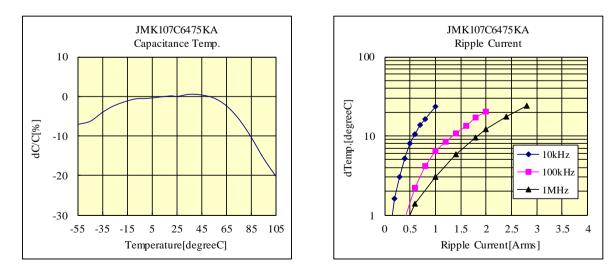


JMK107C6475KA

DC Bias Char.







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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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