

Spec Sheet

MLCC (High dielectric type) for Automotive (BODY & CHASSIS, INFOTAINMENT) Applications

JMK105B7474KVHF



■ Features

- Item Summary
0.47 μ F \pm 10%, 6.3V,
X7R, 0402/1005 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Paper 10000pcs

■ Products characteristics table

| | |
|---|--------------------------|
| Capacitance | 0.47 μ F \pm 10 % |
| Case Size (EIA/JIS) | 0402/1005 |
| Rated Voltage | 6.3 V |
| $\tan \delta$ (max) | 10 % |
| Temperature Characteristic (EIA) | X7R |
| Operating Temp. Range (EIA) | -55 to +125 °C |
| High Temperature Loading (% Rated Voltage) | 150 % |
| Insulation Resistance (min) | 100 M Ω · μ F |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (209 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|--------------------|
| Dimension L | 1.0 \pm 0.05 mm |
| Dimension W | 0.5 \pm 0.05 mm |
| Dimension T | 0.5 \pm 0.05 mm |
| Dimension e | 0.25 \pm 0.10 mm |

2021.01.30

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-

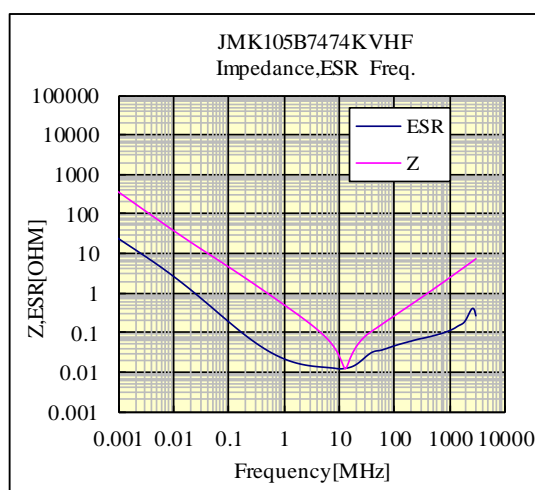
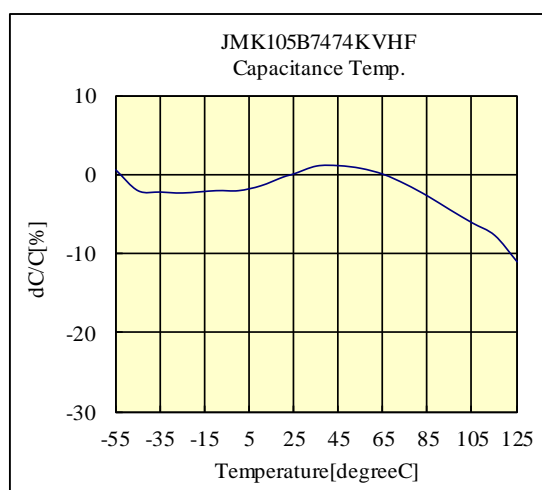
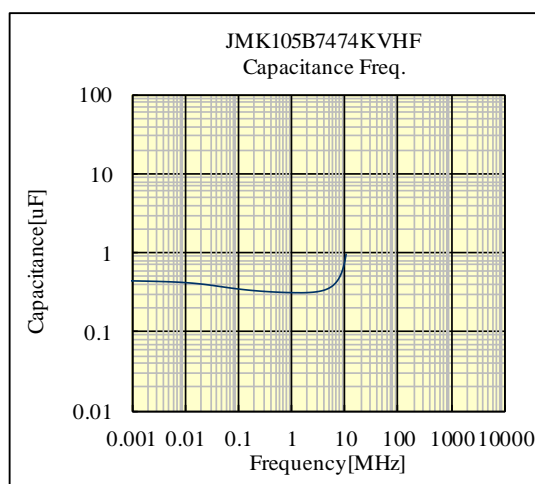
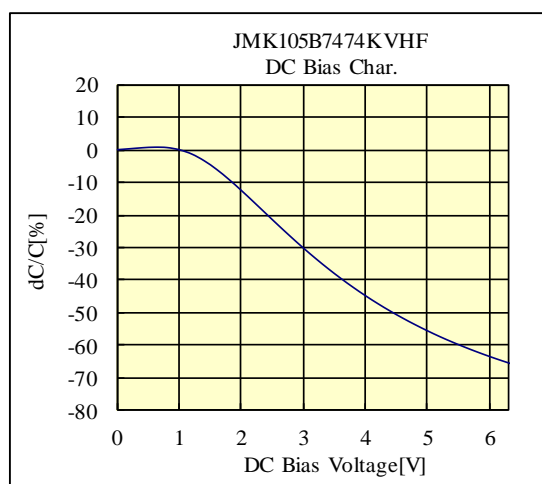
18R2A06

RoHS compliance product

○JMK105B7474KVHF

6.3V 1005 X7R 0.47uF +/- 10% t=0.55mmMAX

6.3V 0402 X7R 0.47uF +/- 10% t=0.022inchMAX



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Before making final selection, please check product specification.

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