

Spec Sheet

Multilayer Ceramic Capacitors (High dielectric type) for Automotive / Industrial Applications

TMK212BBJ475MGHT



■ Features

- Item Summary
25V, X5R, 4.7 μ F, \pm 20%, 0805
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	0805/2012
Rated Voltage (max)	25V
Capacitance	4.7 μ F
Capacitance Tolerance	\pm 20%
Resistance	100 M Ω · μ F min.
Dielectric Loss Tangent	10%MAX
Temperature Characteristics (EIA/JIS)	X5R/-
Temperature Range (EIA/JIS)	-55 to +85 $^{\circ}$ C/-
Capacitance Change (EIA/JIS)	\pm 15/-%
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	2.0mm +0.20:-0.00
W	1.25mm +0.20:-0.00
T	1.25mm +0.20:-0.00
e	0.5mm \pm 0.25

2015.01.21

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
TAIYO YUDEN reserves the right to make change to the Date at any time without notice.
Before making final selection, please check product specification.

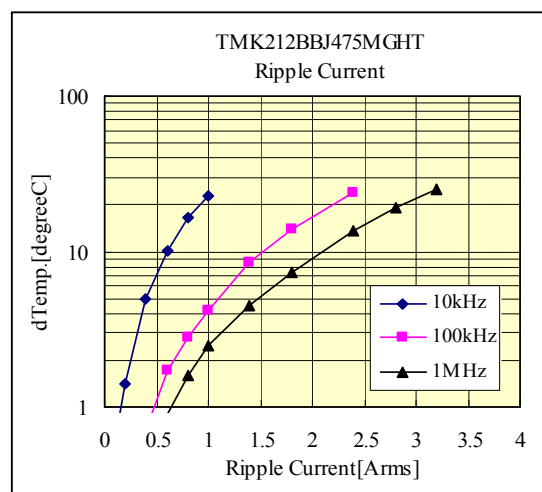
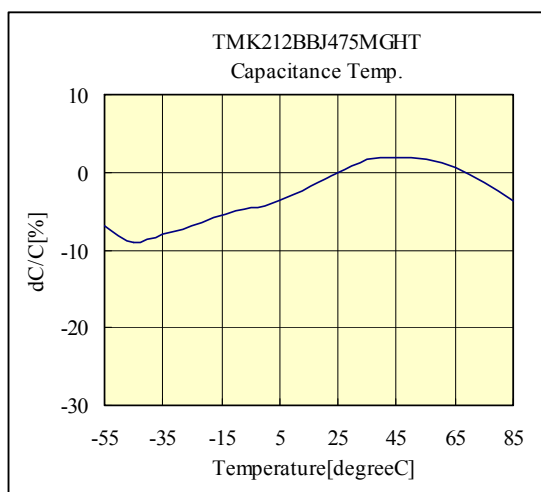
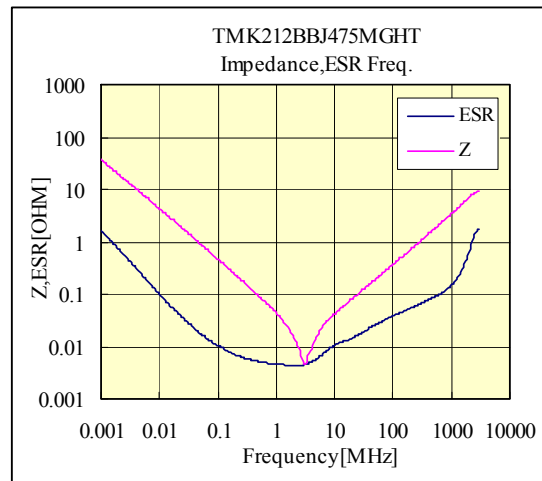
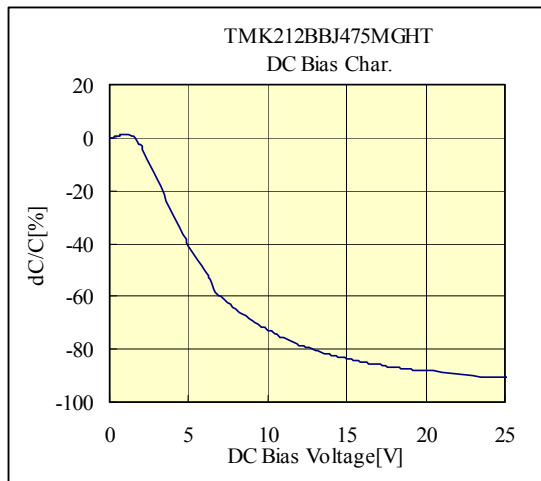
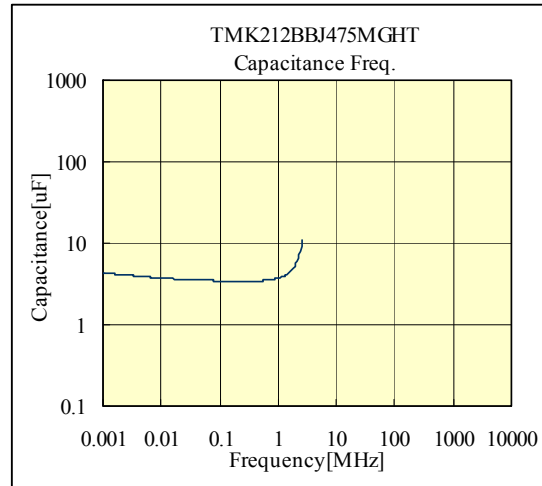
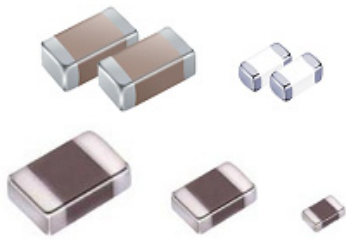
Multi Layer Ceramic Capacitor **TAIYO YUDEN**

-Electrical Characteristics Data- 13R2A05

RoHS compliance product

○ **TMK212BBJ475MGHT**

25V 2012 X5R 4.7uF +/- 20% t=1.45mmMAX
25V 0805 X5R 4.7uF +/- 20% t=0.057inchMAX



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