## **Spec Sheet**

Automotive (POWERTRAIN, SAFETY) Application Multilayer Ceramic Capacitors

# TMF212B7224KGHT



### Features

- Item Summary
  0.22uF±10%, 25V,
  X7R, 0805/2012 (EIA/JIS)
- Lifecycle Stage
  Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
  Taping Embossed 3000pcs

#### Products characteristics table

Capacitance	0.22 uF ± 10 %
Case Size (EIA/JIS)	0805/2012
Rated Voltage	25 V
$ an\delta$ (max)	3.5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 ℃
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	100 ΜΩ∙μϜ
RoHS Compliance (10 subst.)	Yes
REACH Compliance (191 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

#### ■ External Dimensions

Dimension L	2.0 ±0.10 mm
Dimension W	1.25 ±0.10 mm
Dimension T	1.25 ±0.10 mm
Dimension e	0.50 ±0.25 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.



# **TAIYO YUDEN**

# **Multi Layer Ceramic Capacitor**

-Electrical Characteristics Data-

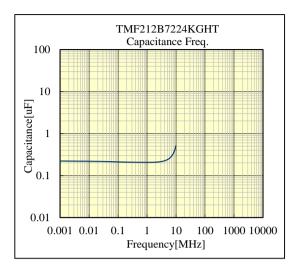
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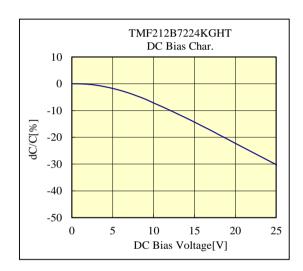
RoHS compliance product

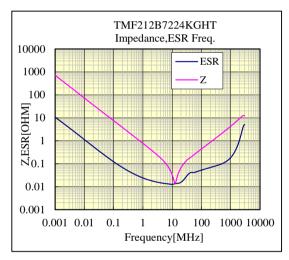
### *○TMF212B7224KGHT*

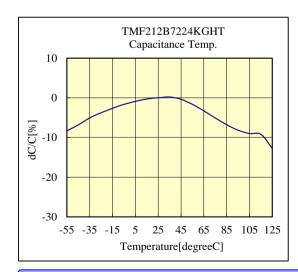
25V 2012 X7R 0.22uF +/- 10% t=1.35mmMAX 25V 0805 X7R 0.22uF +/- 10% t=0.053inchMAX

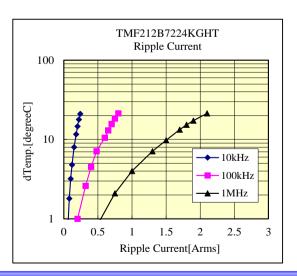












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