Spec Sheet

High Value Multilayer Ceramic Capacitors (High dielectric type)

TMK105B7224MV-FR



Features

- Item Summary 0.22uF±20%, 25V, X7R, 0402/1005 (EIA/JIS)
- Lifecycle Stage Mass Production
- Standard packaging quantity (minimum) Taping paper 10000pcs

Products characteristics table

Capacitance	0.22 uF ± 20 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	25 V
$ an \delta \ (ext{max})$	10 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 ℃
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	500 ΜΩ∙μϜ
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (181 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	1.0 ±0.05 mm
Dimension W	0.5 ±0.05 mm
Dimension T	0.5 ±0.05 mm
Dimension e	0.25 ±0.10 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.

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Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

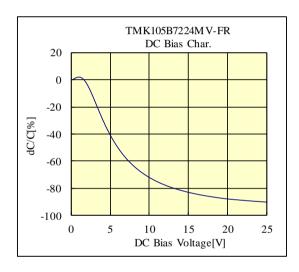
8R2A06

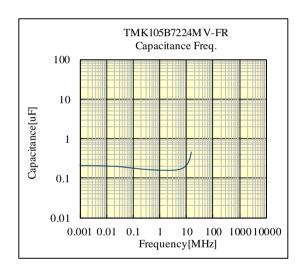
RoHS compliance product

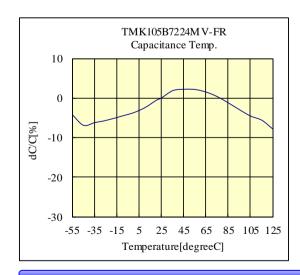
○TMK105B7224MV-FR

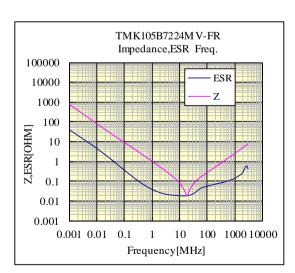
25V 1005 X7R 0.22uF +/- 20% t=0.55mmMAX 25V 0402 X7R 0.22uF +/- 20% t=0.022inchMAX











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Please read this notice before using the TAIYO YUDEN products.



REMINDERS

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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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