

Spec Sheet

Medium-High Voltage MLCC for Automotive (POWERTRAIN, SAFETY) Applications

HMR105B7471MV-F



■ Features

- Item Summary
470pF \pm 20%, 100V,
X7R, 0402/1005 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Paper 10000pcs

■ Products characteristics table

Capacitance	470 pF \pm 20 %
Case Size (EIA/JIS)	0402/1005
Rated Voltage	100 V
$\tan \delta$ (max)	3.5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 G Ω
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

2021.05.26

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-

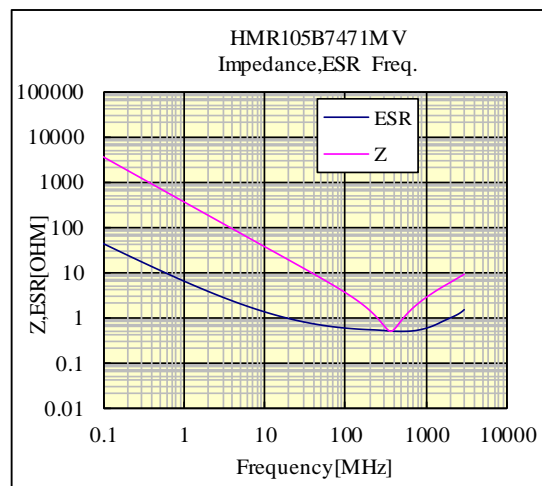
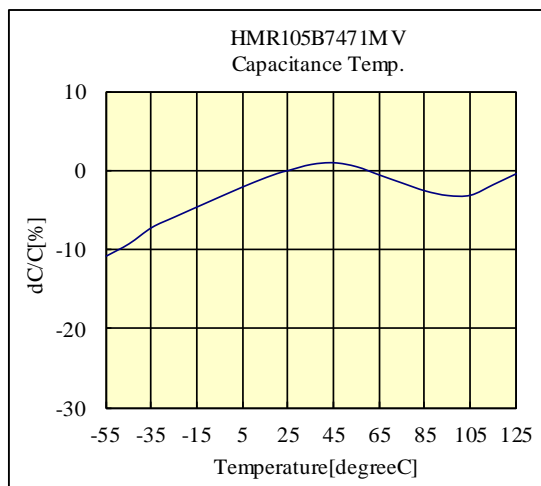
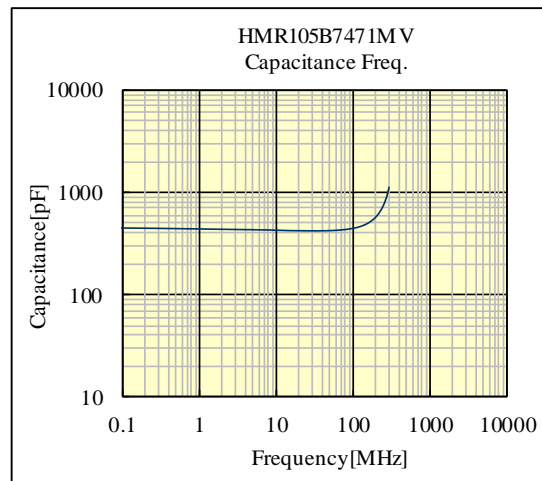
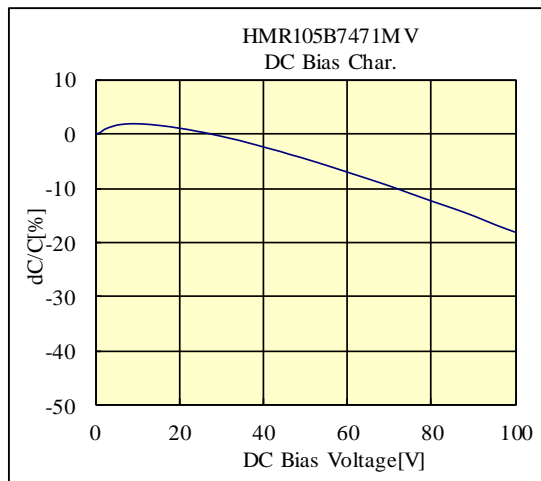
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RoHS compliance product

○HMR105B7471MV

100V 1005 X7R 470pF +/- 20% t=0.55mmMAX

100V 0402 X7R 470pF +/- 20% t=0.022inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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