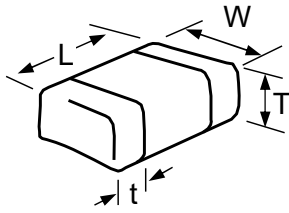


KAM03CT70E105M#

(0201, 2.5V, X7T, 1 μ F, +/-20 %, AEC-Q200, Sn Term)
Multilayer Ceramic Chip Capacitor Datasheet



DIMENSIONS



	millimetres	inches
L	0.6 $\pm$ 0.09	0.024 $\pm$ 0.004
W	0.3 $\pm$ 0.09	0.012 $\pm$ 0.004
T max.	0.39	0.016
t	0.13 to 0.23	0.006 to 0.01

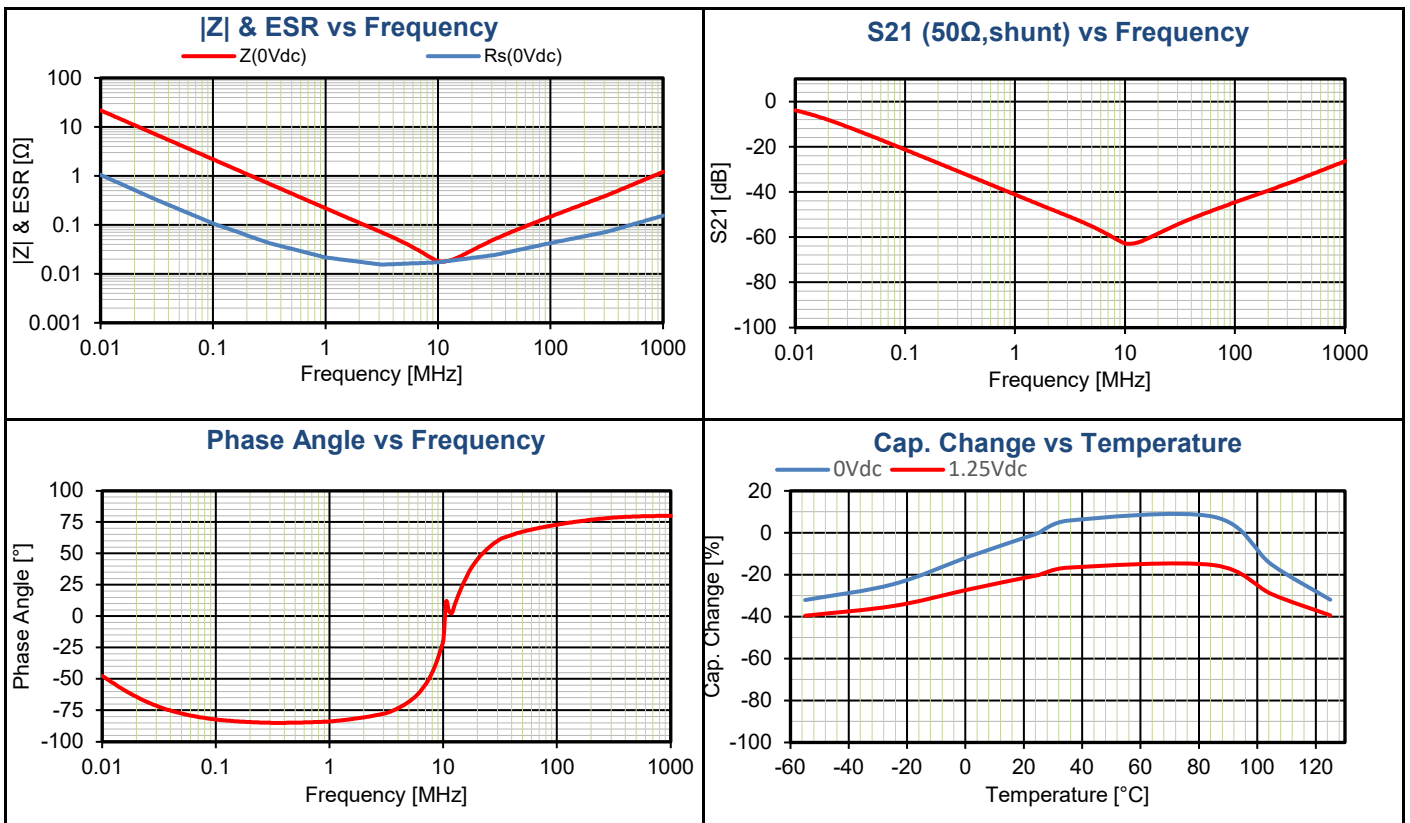
*Inch is for reference only.

BASIC SPECIFICATIONS

Item	Spec.	Conditions
Rated Voltage	2.5 V	
Capacitance	1 μ F	1kHz, 0.5Vrms
Capacitance Tolerance	+/-20 %	
DF Max	12.5 %	1kHz, 0.5Vrms
IR Min	50 M Ω	2.5Vdc, t=60s
DWV	6.25 Vdc	I $\leq$ 50mA, t $\leq$ 5 s

Case Size EIA (JIS)	0201(0603)
Operating Temperature	-55°C to +125°C
Dielectric	X7T
Grade	AEC-Q200
RoHS Compliant	Yes
Termination	Sn
Packaging	T&R 7in (180mm) & T&R 13in (330mm)

ELECTRICAL CHARACTERISTICS

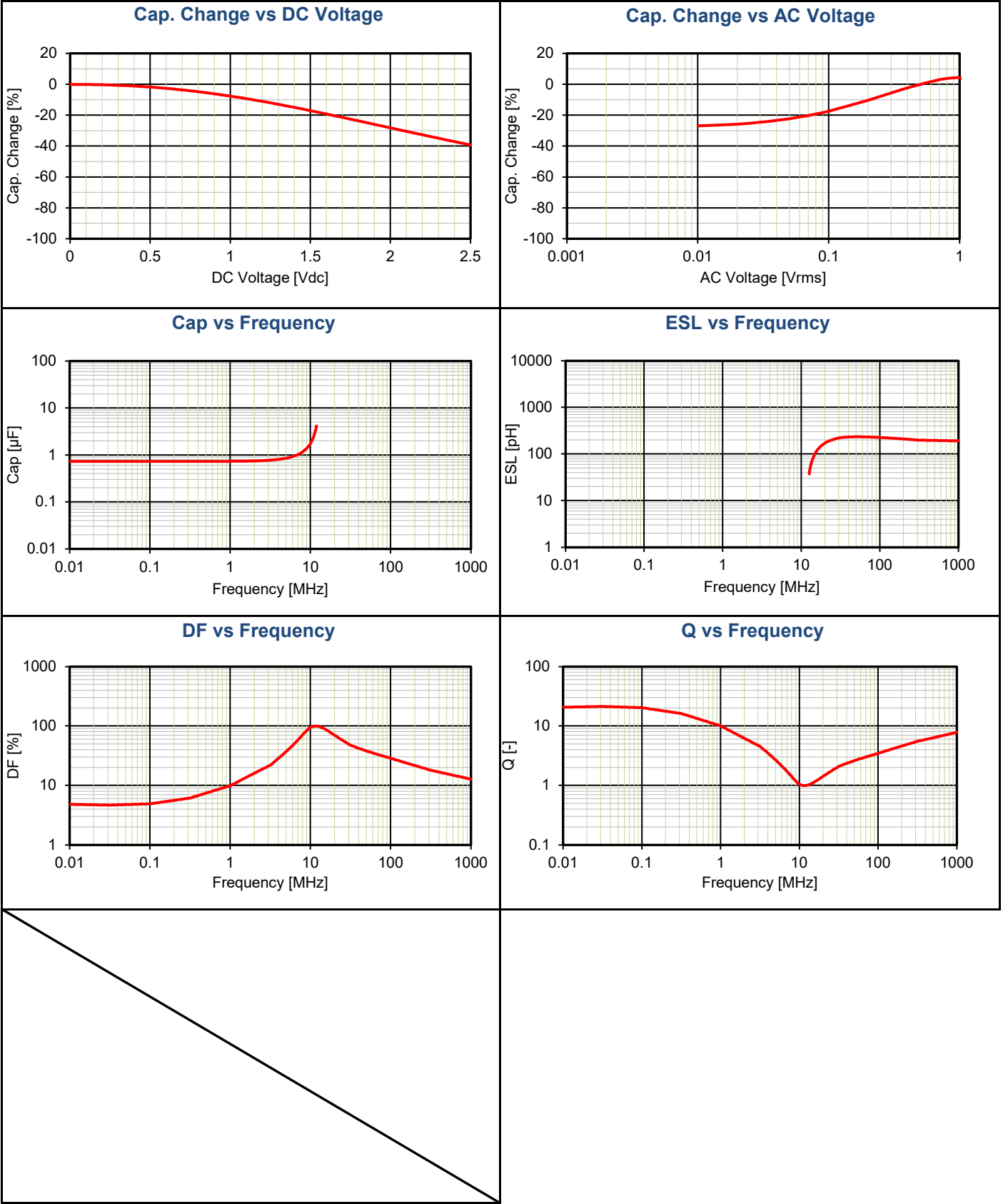


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Please check catalog for part number availability

NOTICE: Specifications are subject to change without notice. All statements, information and data given herein are believed to be accurate and reliable, but are presented without guarantee or responsibility of any kind, expressed or implied. Specifications are typical and may not apply to all applications.