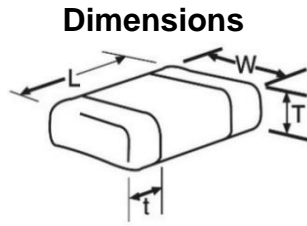


# 12105C106KAT2A Datasheet

(1210 50V X7R 10uF ±10%)

To download data and simulation models visit: **SpiCAT** ONLINE TOOL



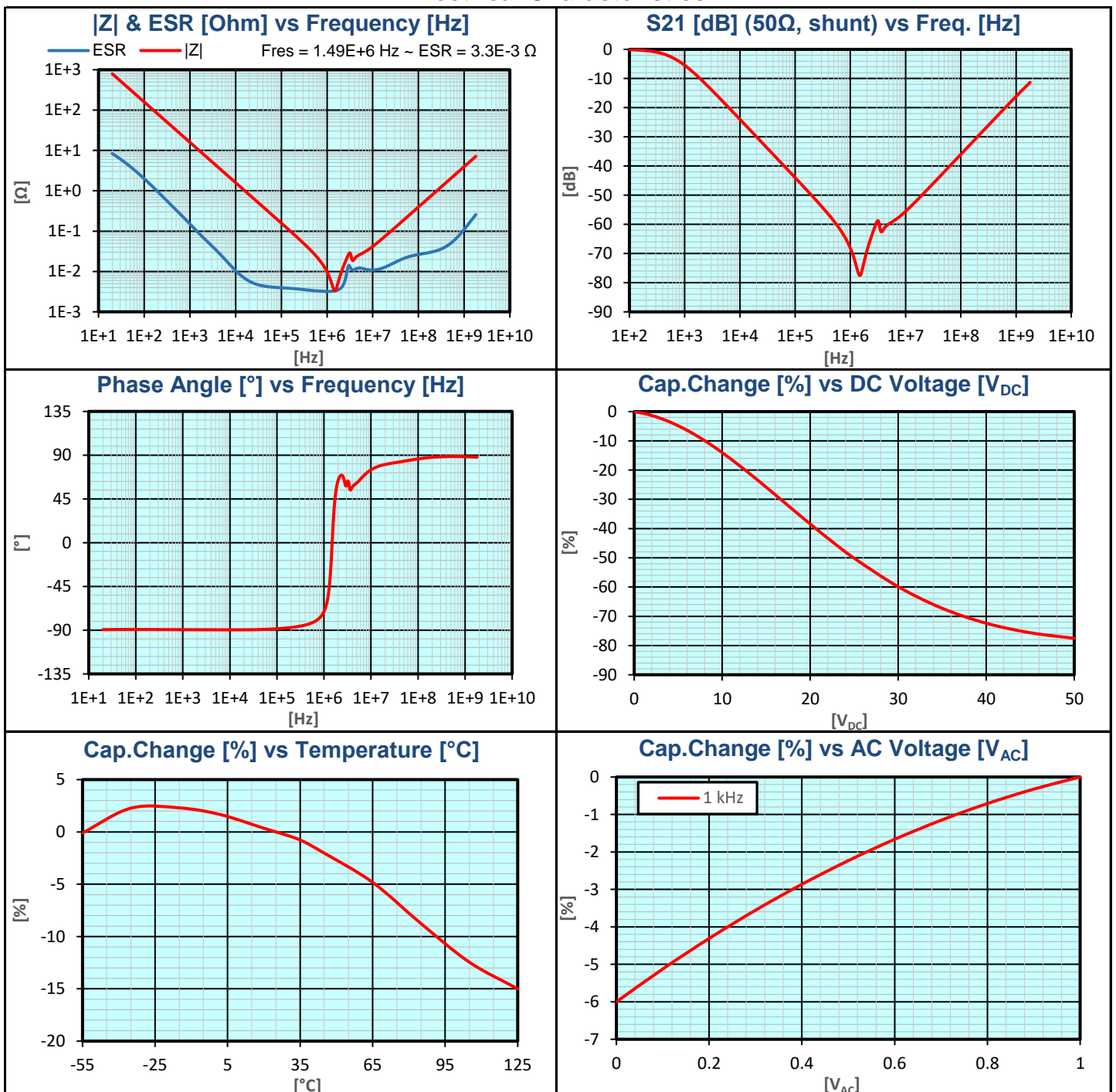
Dimensions

	millimetres	inches
L	3.3 ± 0.4	0.13 ± 0.016
W	2.5 ± 0.3	0.098 ± 0.012
T max.	2.79	0.11
t	0.5 ± 0.25	0.02 ± 0.01

## Basic Specifications

Item	Unit	Spec.	Conditions
Capacitance	uF	9 to 11	@ 1 kHz, 1 Vrms
DF	%	10 max.	@ 1 kHz, 1 Vrms
IR	MΩ	100 min.	@ 50 Vdc, t = 120 s
DWV	Vdc	125	@ I ≤ 50mA, t ≤ 5 s
Operating Temperature		-55°C to +125°C	
Dielectric		X7R	
AEC-Q200		Not qualified	
RoHS Compliant		Yes	
Termination		Sn	

## Electrical Characteristics

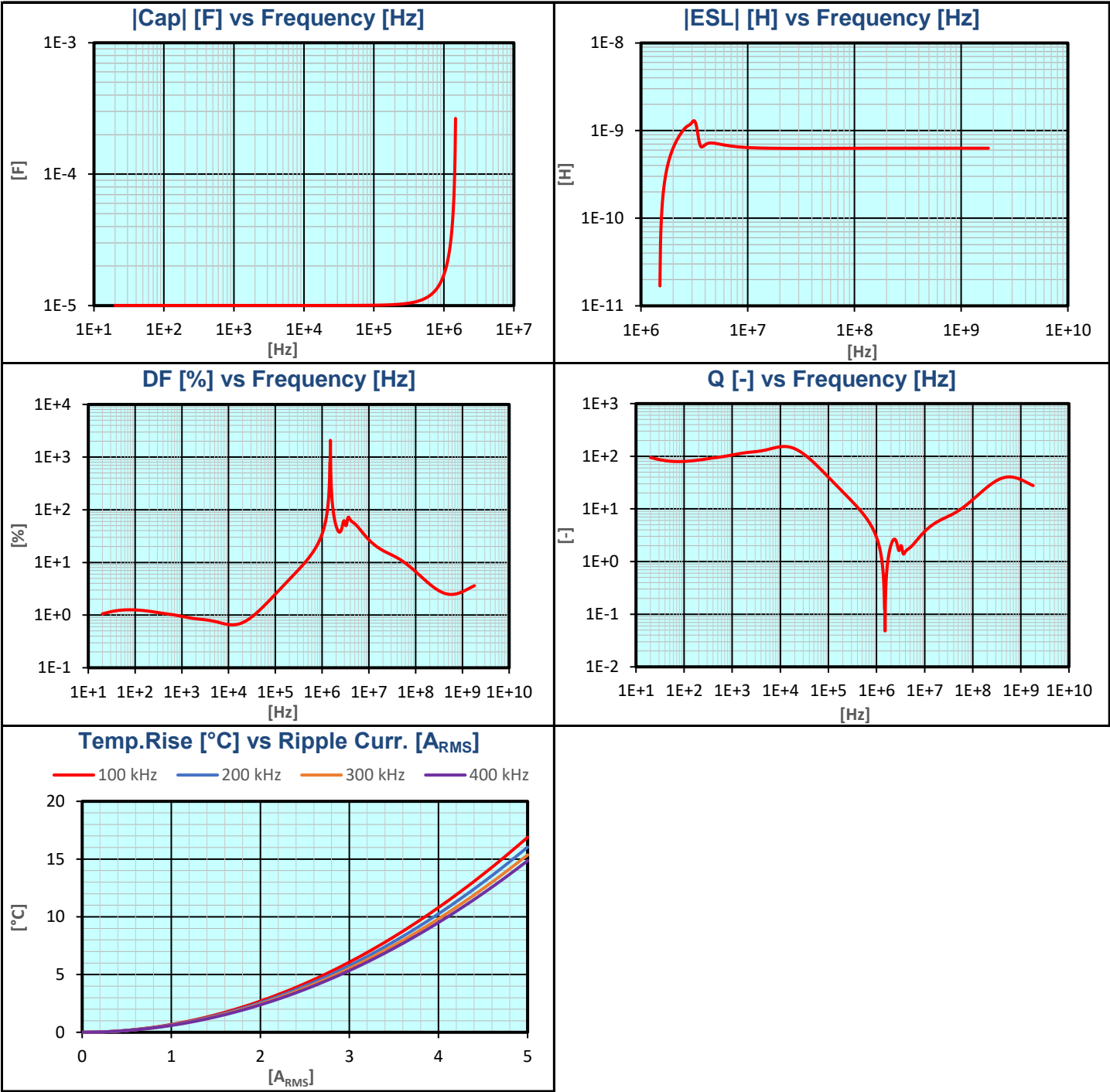


# 1210S106KAT2A Datasheet



(1210 50V X7R 10uF ±10%)

## Electrical Characteristics



# 12105C106KAT2A Datasheet



(1210 50V X7R 10uF ±10%)

## How To Order

0805	5	C	103	M	A	T	2	A
Size (L" x W")	Voltage 4V = 4 6.3V = 6 10V = Z 16V = Y 25V = 3 50V = 5 100V = 1 200V = 2 500V = 7	Dielectric X7R = C	Capacitance Code (In pF) 2 Sig. Digits + Number of Zeros	Capacitance Tolerance J = ± 5%* K = ±10% M = ± 20%  *≤1μF only, contact factory for additional values	Failure Rate A = Not Applicable 4=Automotive	Terminations T = Plated Ni and Sn Z= FLEXITERM®**  *Optional termination  **See FLEXITERM® X7R section	Packaging 2 = 7" Reel 4 = 13" Reel  <b>Contact Factory For Multiples</b>	Special Code A = Std. Product
NOTE: Contact factory for availability of Termination and Tolerance Options for Specific Part Numbers. Contact factory for non-specified capacitance values.								
NOTICE: Specifications are subject to change without notice. All statements, information and data given herein are beleived 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.								