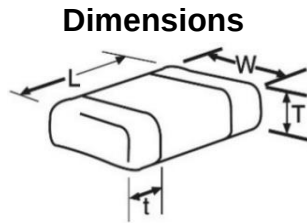


12105C224KAT2A Datasheet

(1210 50V X7R 220nF $\pm 10\%$)

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

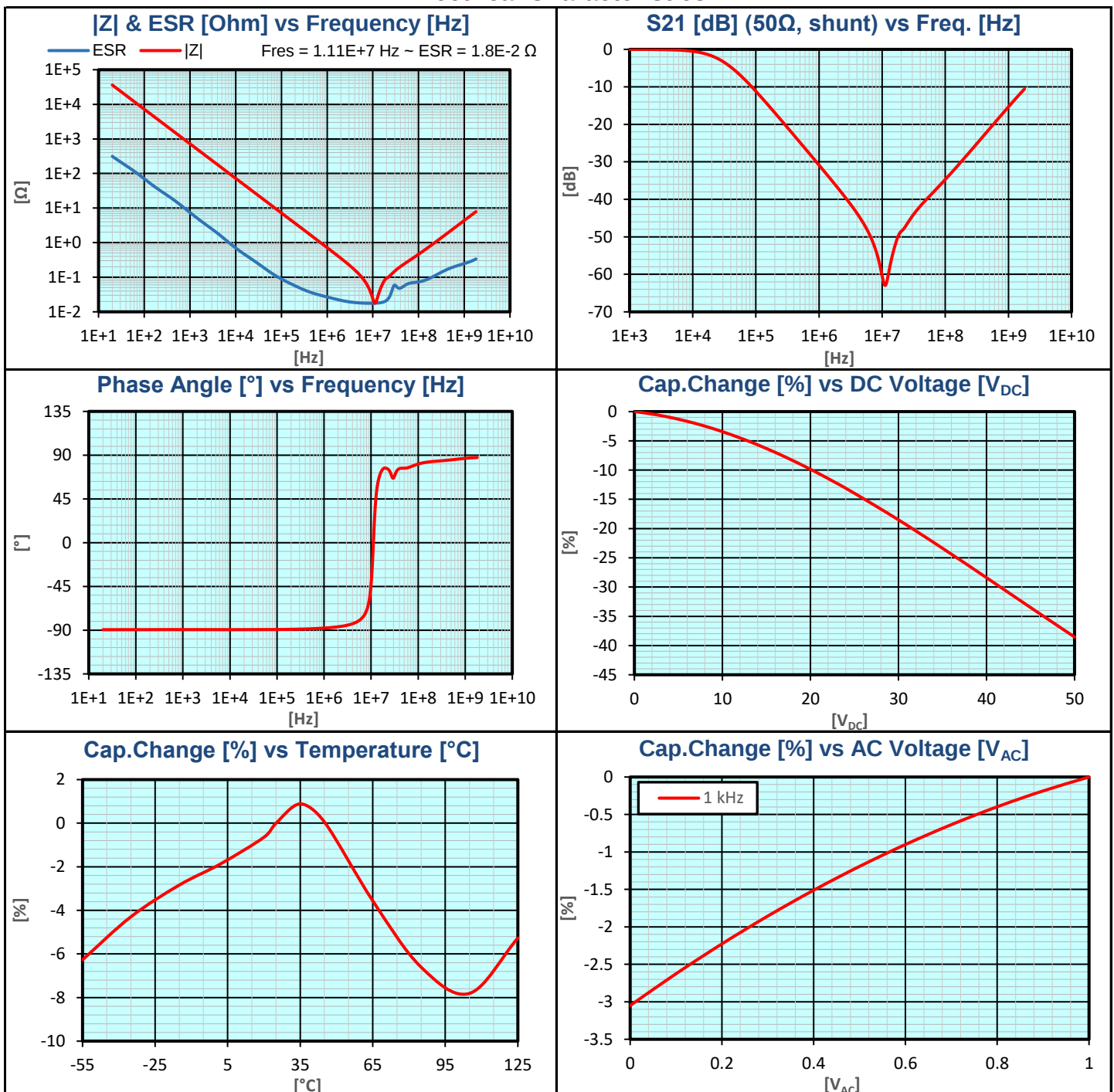


	millimetres	inches
L	3.3 ± 0.4	0.13 ± 0.016
W	2.5 ± 0.3	0.098 ± 0.012
T max.	0.94	0.037
t	0.5 ± 0.25	0.02 ± 0.01

Basic Specifications

Item	Unit	Spec.	Conditions
Capacitance	nF	198 to 242	@ 1 kHz, 1 Vrms
DF	%	10 max.	@ 1 kHz, 1 Vrms
IR	G Ω	4.5 min.	@ 50 Vdc, $t = 120$ s
DWV	Vdc	125	@ $I \leq 50$ mA, $t \leq 5$ s
Operating Temperature		-55°C to +125°C	
Dielectric		X7R	
AEC-Q200		Not qualified	
RoHS Compliant		Yes	
Termination		Sn	

Electrical Characteristics

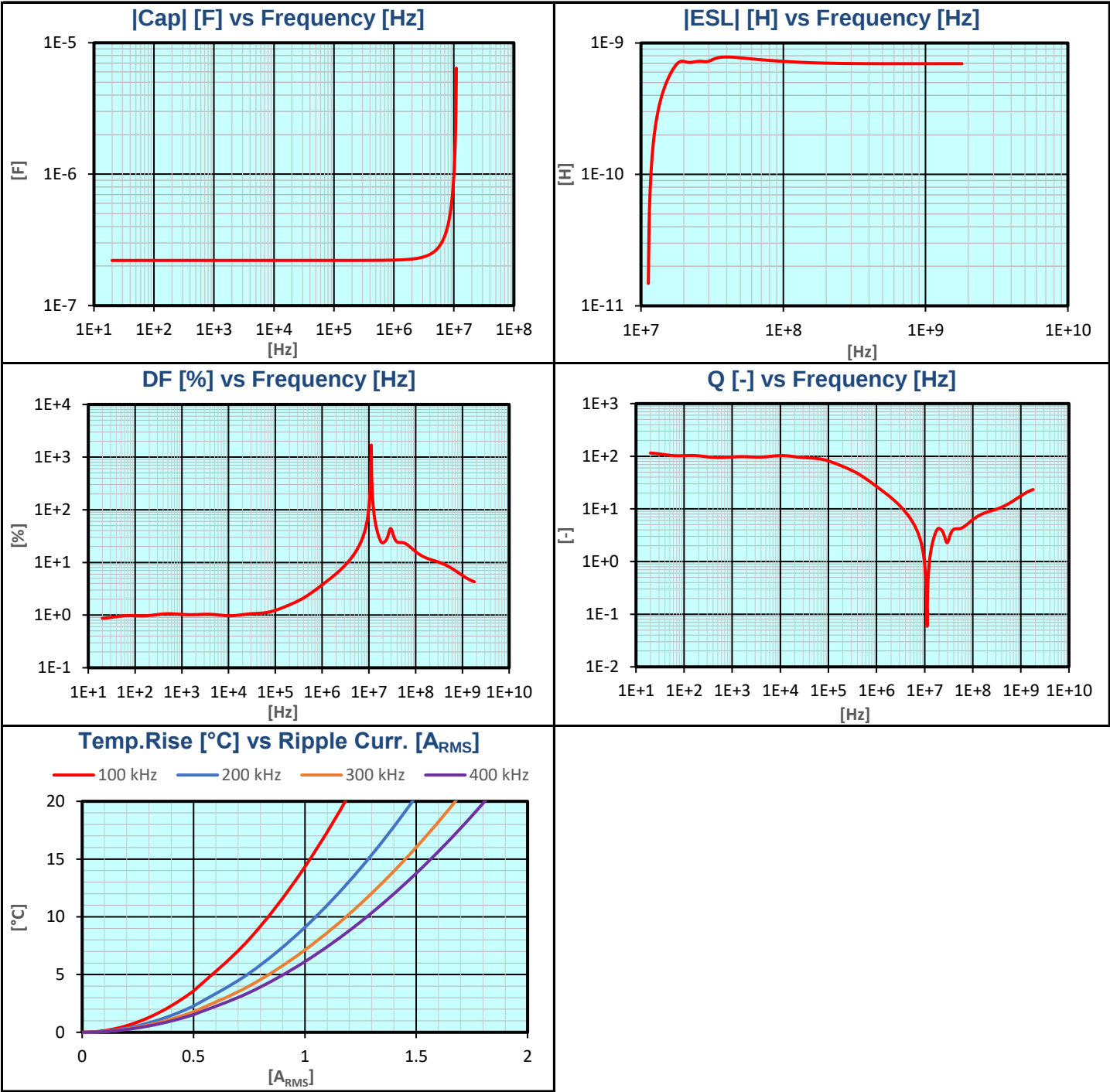


1210S224KAT2A Datasheet



(1210 50V X7R 220nF ±10%)

Electrical Characteristics



12105C224KAT2A Datasheet



(1210 50V X7R 220nF ±10%)

How To Order

0805 T Size (L" x W")	5 T Voltage 4V = 4 6.3V = 6 10V = Z 16V = Y 25V = 3 50V = 5 100V = 1 200V = 2 500V = 7	C T Dielectric X7R = C	103 T Capacitance Code (In pF) 2 Sig. Digits + Number of Zeros	M T Capacitance Tolerance J = ± 5%* K = ±10% M = ± 20% *≤1µF only, contact factory for additional values	A T Failure Rate A = Not Applicable 4=Automotive	T T Terminations T = Plated Ni and Sn Z= FLEXITERM®** *Optional termination **See FLEXITERM® X7R section	2 T Packaging 2 = 7" Reel 4 = 13" Reel Contact Factory For Multiples	A T 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.								