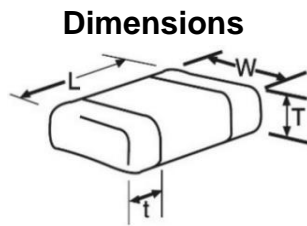


08051C124MAT2A Datasheet

(0805 100V X7R 120nF $\pm 20\%$)

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

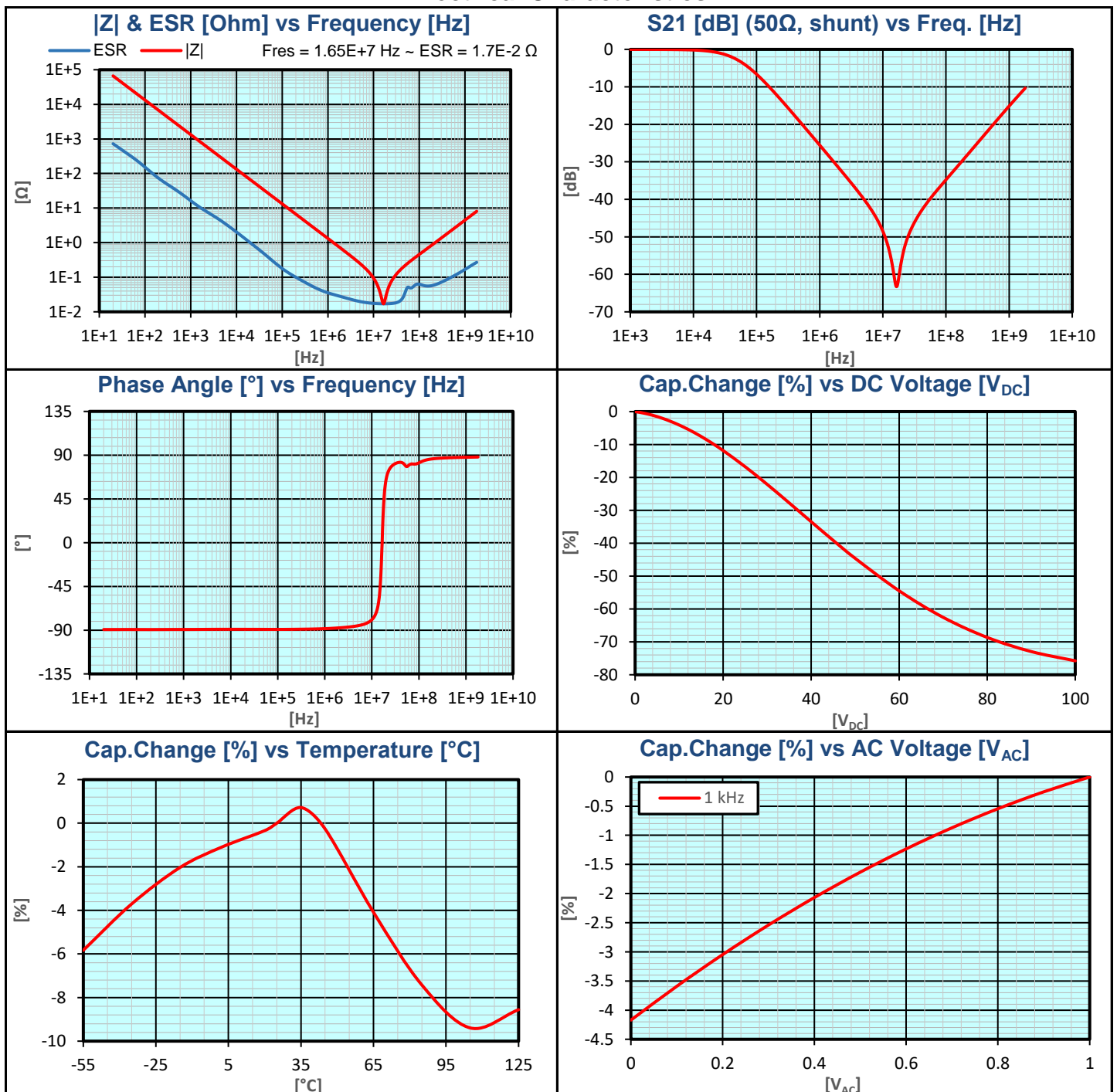


	millimetres	inches
L	2.01 ± 0.2	0.079 ± 0.008
W	1.25 ± 0.2	0.049 ± 0.008
T max.	1.4	0.055
t	0.5 ± 0.25	0.02 ± 0.01

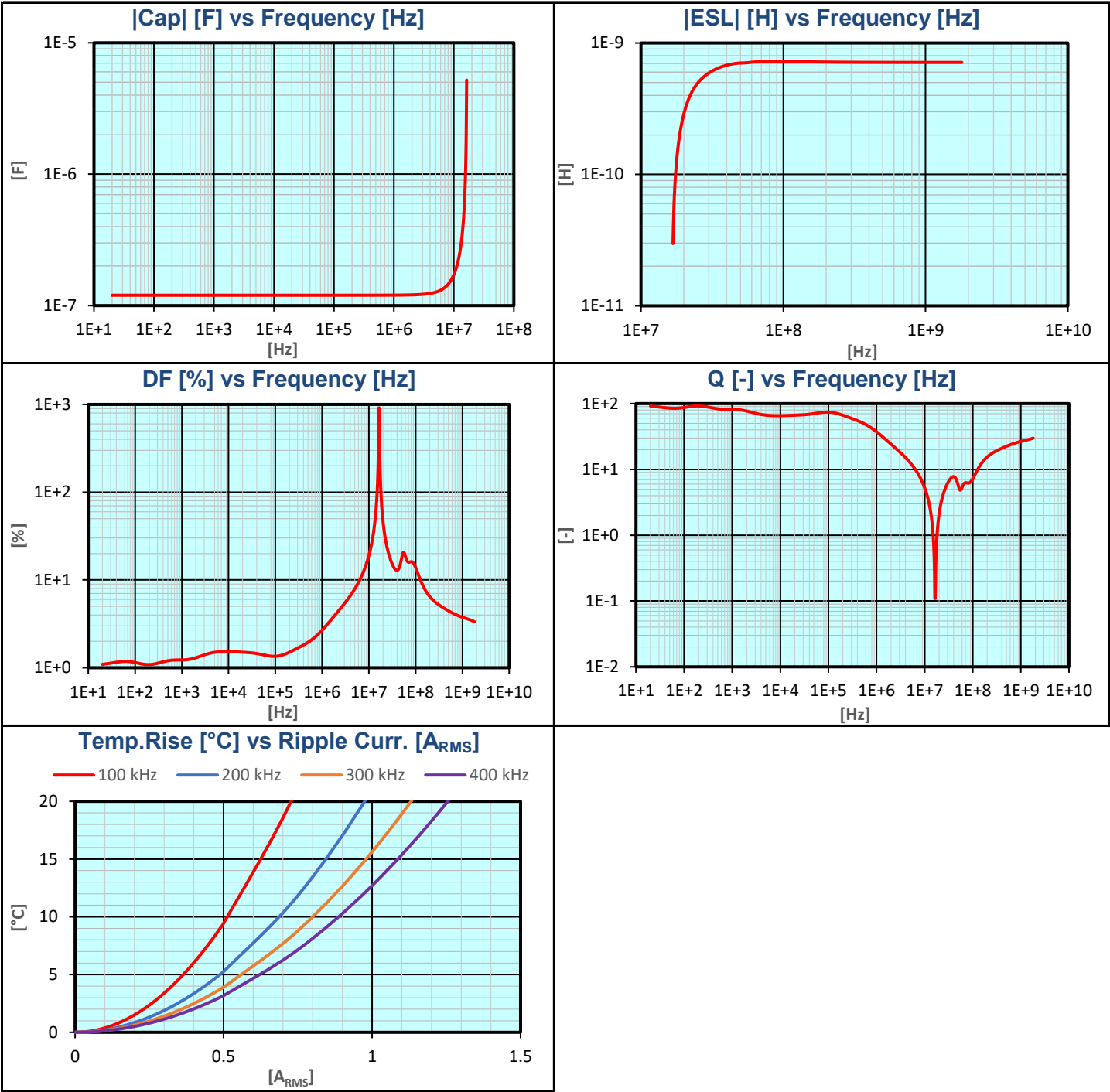
Basic Specifications

Item	Unit	Spec.	Conditions
Capacitance	nF	96 to 144	@ 1 kHz, 1 Vrms
DF	%	10 max.	@ 1 kHz, 1 Vrms
IR	G Ω	8.3 min.	@ 100 Vdc, t = 120 s
DWV	Vdc	250	@ I \leq 50mA, t \leq 5 s
Operating Temperature		-55°C to +125°C	
Dielectric		X7R	
AEC-Q200		Not qualified	
RoHS Compliant		Yes	
Termination		Sn	

Electrical Characteristics



Electrical Characteristics





How To Order

NOTE: Contact factory for availability of Termination and Tolerance Options for Specific Part Numbers.
Contact factory for non-specified capacitance values.

Page: 3 of 3.