

08056C106MAT2A Datasheet

(0805 6.3V X7R 10uF ±20%)

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

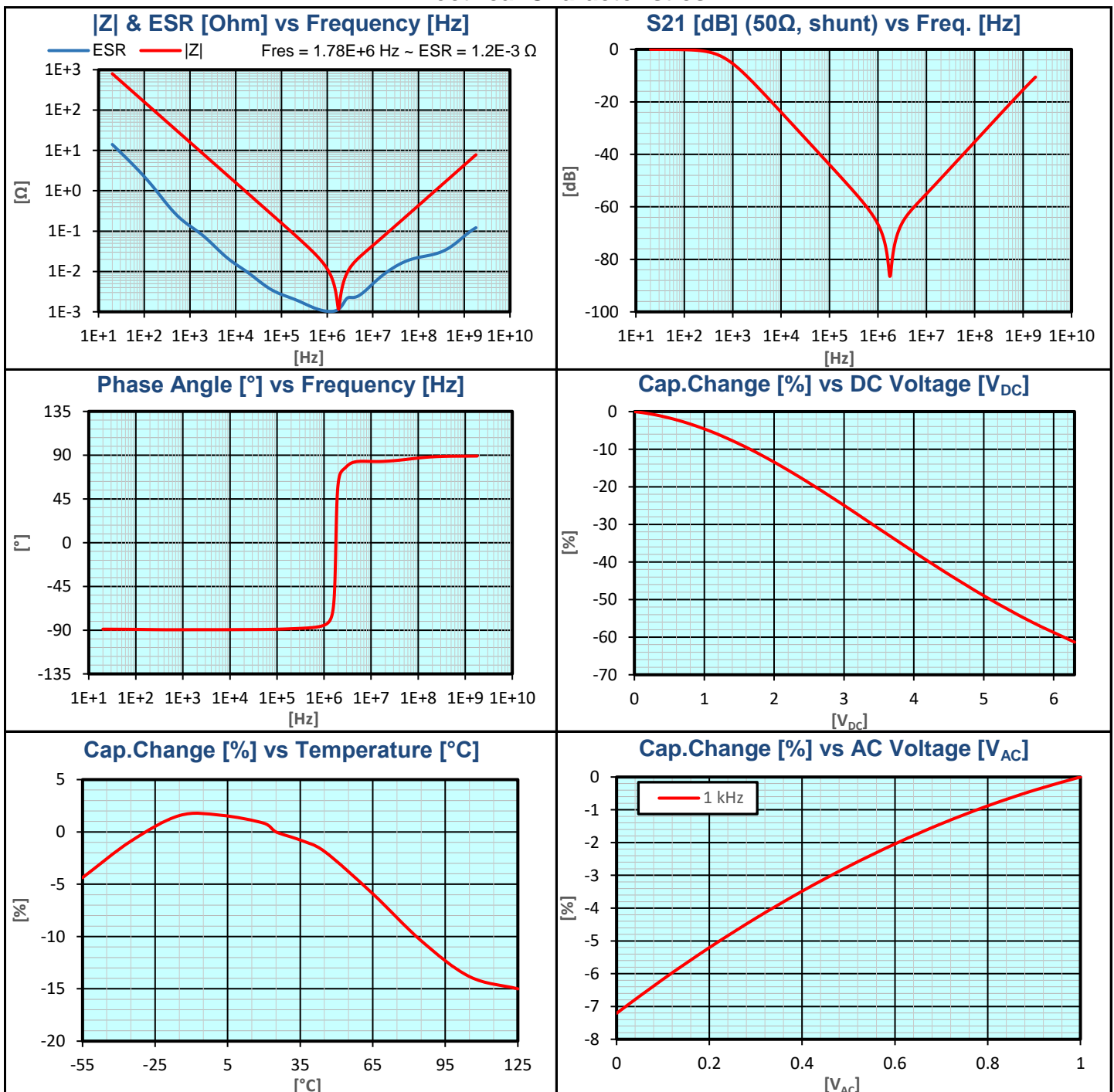


	millimetres	inches
L	2.01 ± 0.2	0.079 ± 0.008
W	1.25 ± 0.2	0.049 ± 0.008
T max.	1.52	0.06
t	0.5 ± 0.25	0.02 ± 0.01

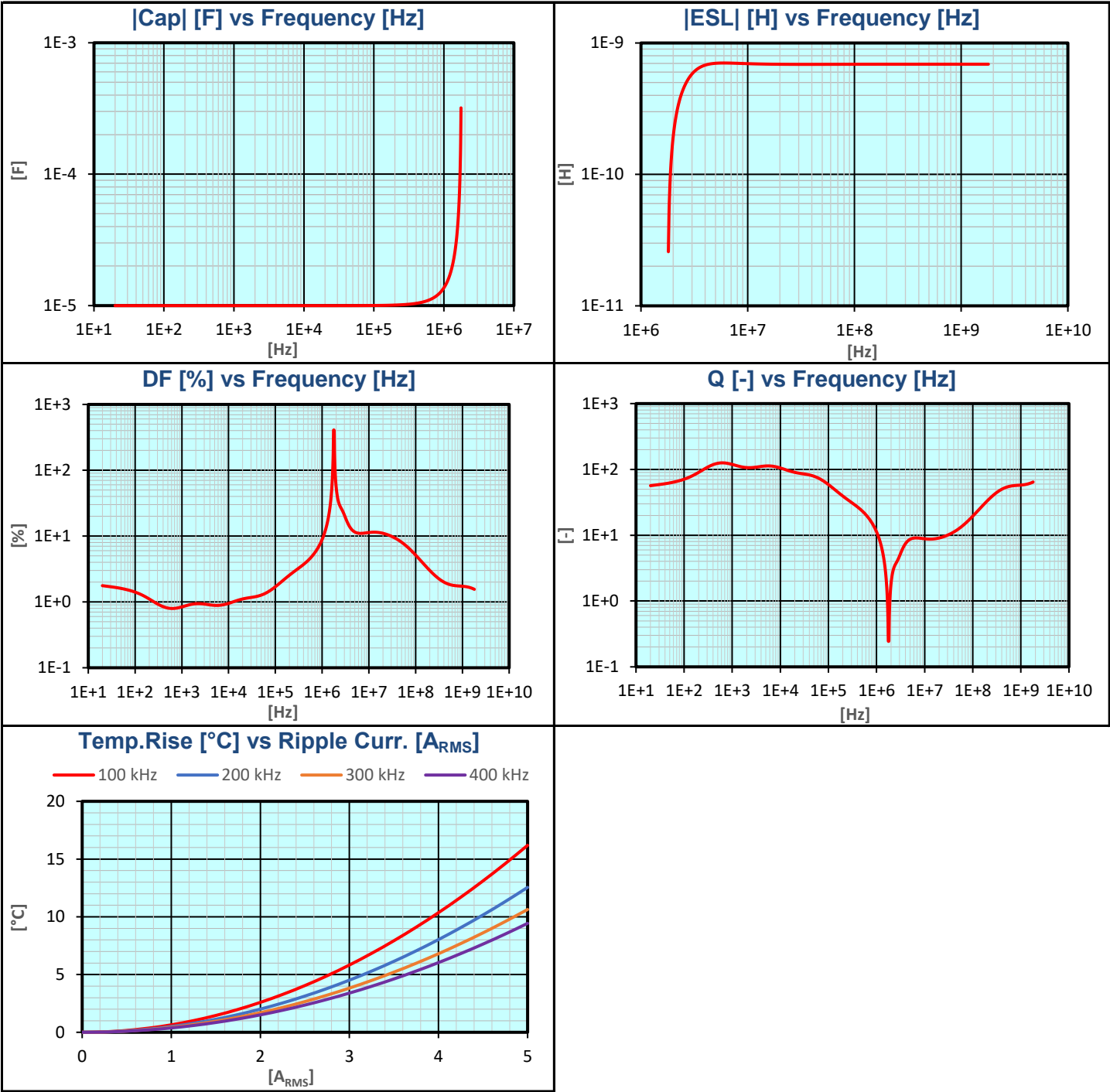
Basic Specifications

Item	Unit	Spec.	Conditions
Capacitance	uF	8 to 12	@ 1 kHz, 1 Vrms
DF	%	12.5 max.	@ 1 kHz, 1 Vrms
IR	MΩ	100 min.	@ 6.3 Vdc, t = 120 s
DWV	Vdc	15.75	@ 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



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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 Contact Factory For Multiples	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.								
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