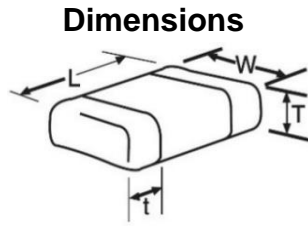


04023C681JAZ2A Datasheet

(0402 25V X7R 680pF ±5% FLEXITERM®)

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



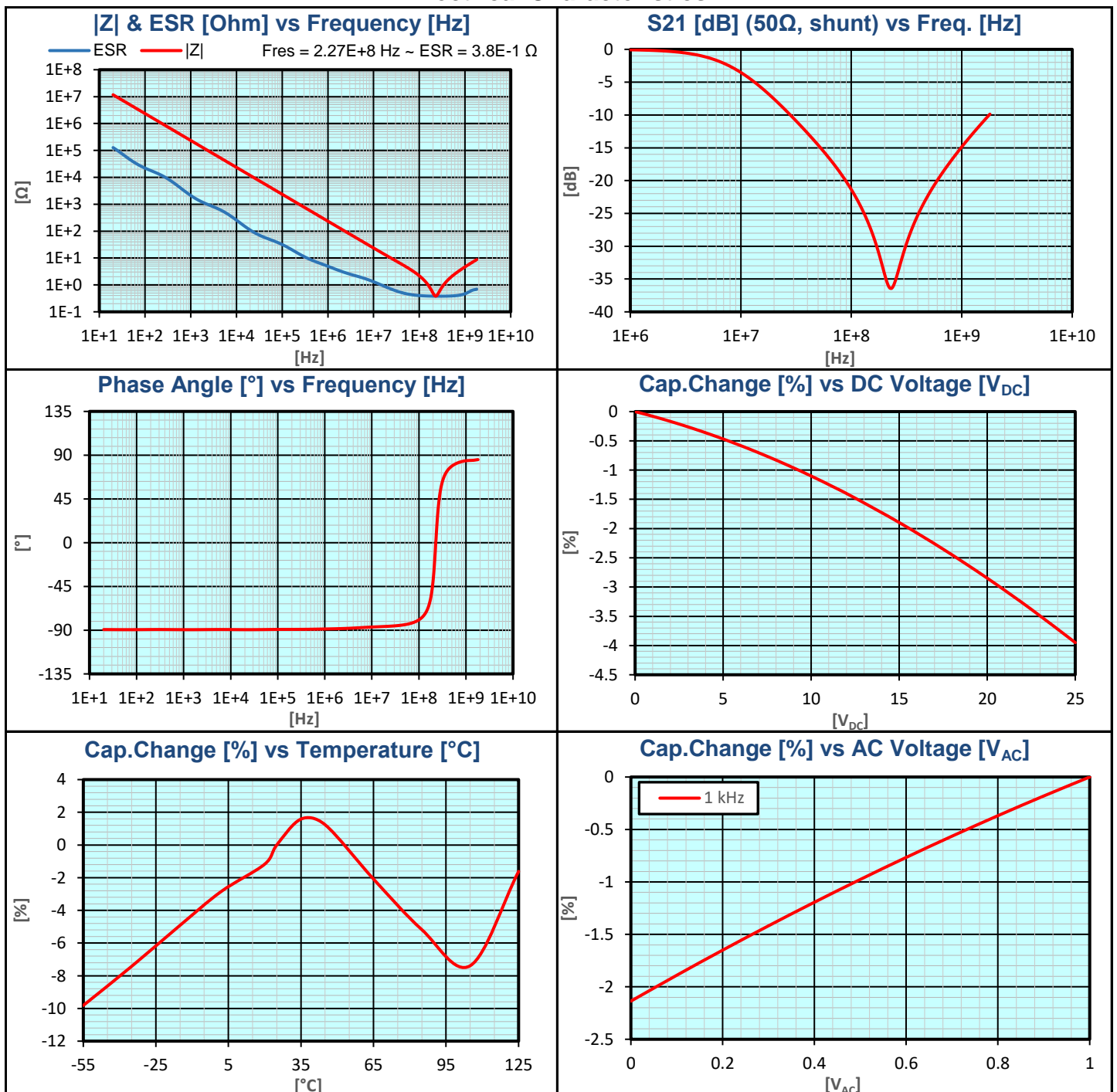
Dimensions

	millimetres	inches
L	1 ± 0.1	0.039 ± 0.004
W	0.5 ± 0.1	0.02 ± 0.004
T max.	0.56	0.022
t	0.25 ± 0.15	0.01 ± 0.006

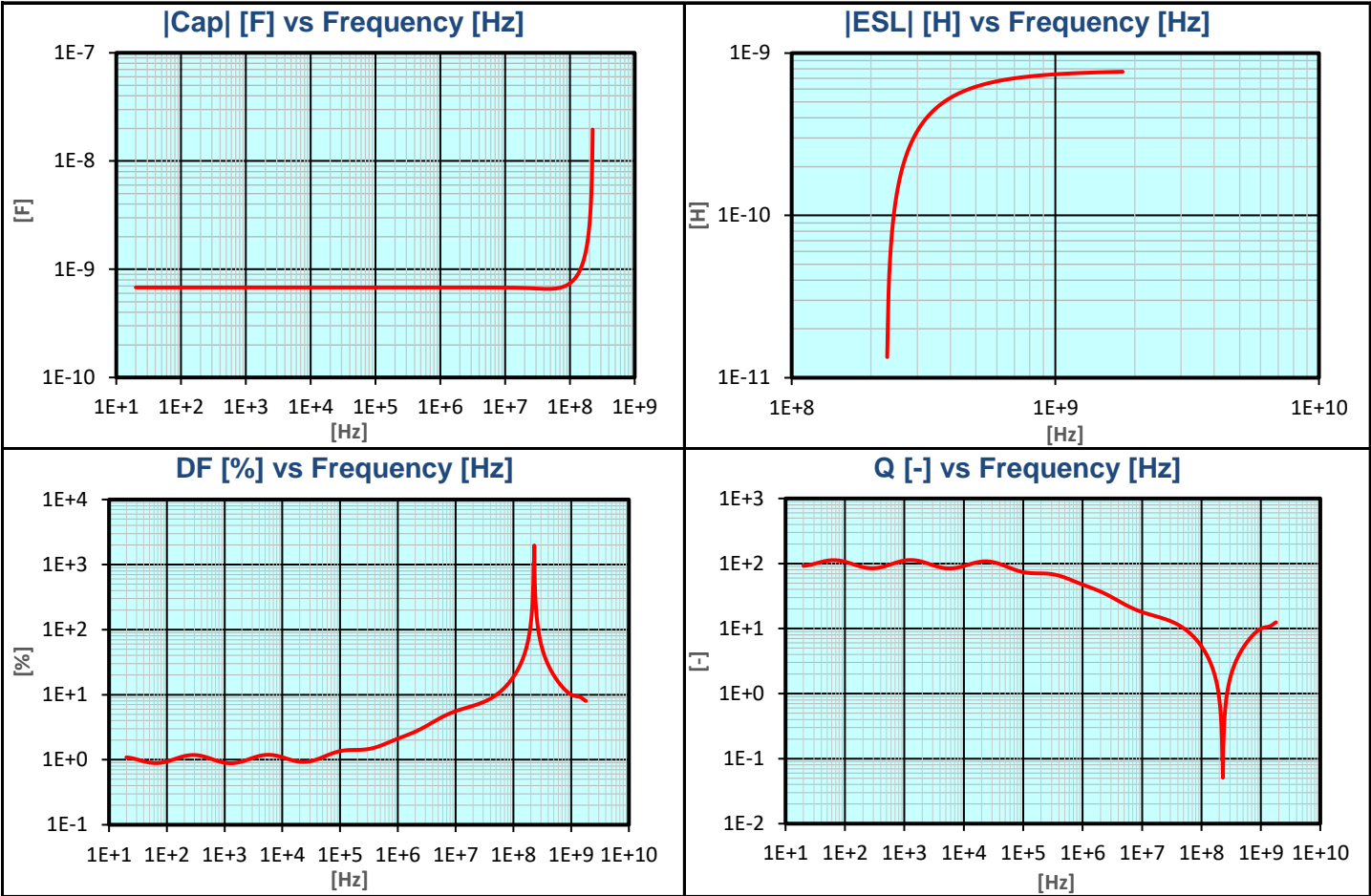
Basic Specifications

Item	Unit	Spec.	Conditions
Capacitance	pF	646 to 714	@ 1 kHz, 1 Vrms
DF	%	12.5 max.	@ 1 kHz, 1 Vrms
IR	GΩ	100 min.	@ 25 Vdc, t = 120 s
DWV	Vdc	62.5	@ I ≤ 50mA, t ≤ 5 s
Operating Temperature		-55°C to +125°C	
Dielectric		X7R	
AEC-Q200		Not qualified	
RoHS Compliant		Yes	
Termination		FLEXITERM®	

Electrical Characteristics



Electrical Characteristics



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(0402 25V X7R 680pF ±5% FLEXITERM®)

How To Order

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