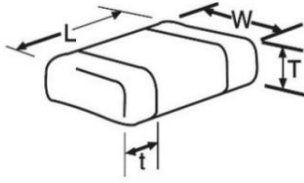


(1812 50V X7R 4.7uF ±10% AEC-Q200 FLEXITERM®)

Dimensions

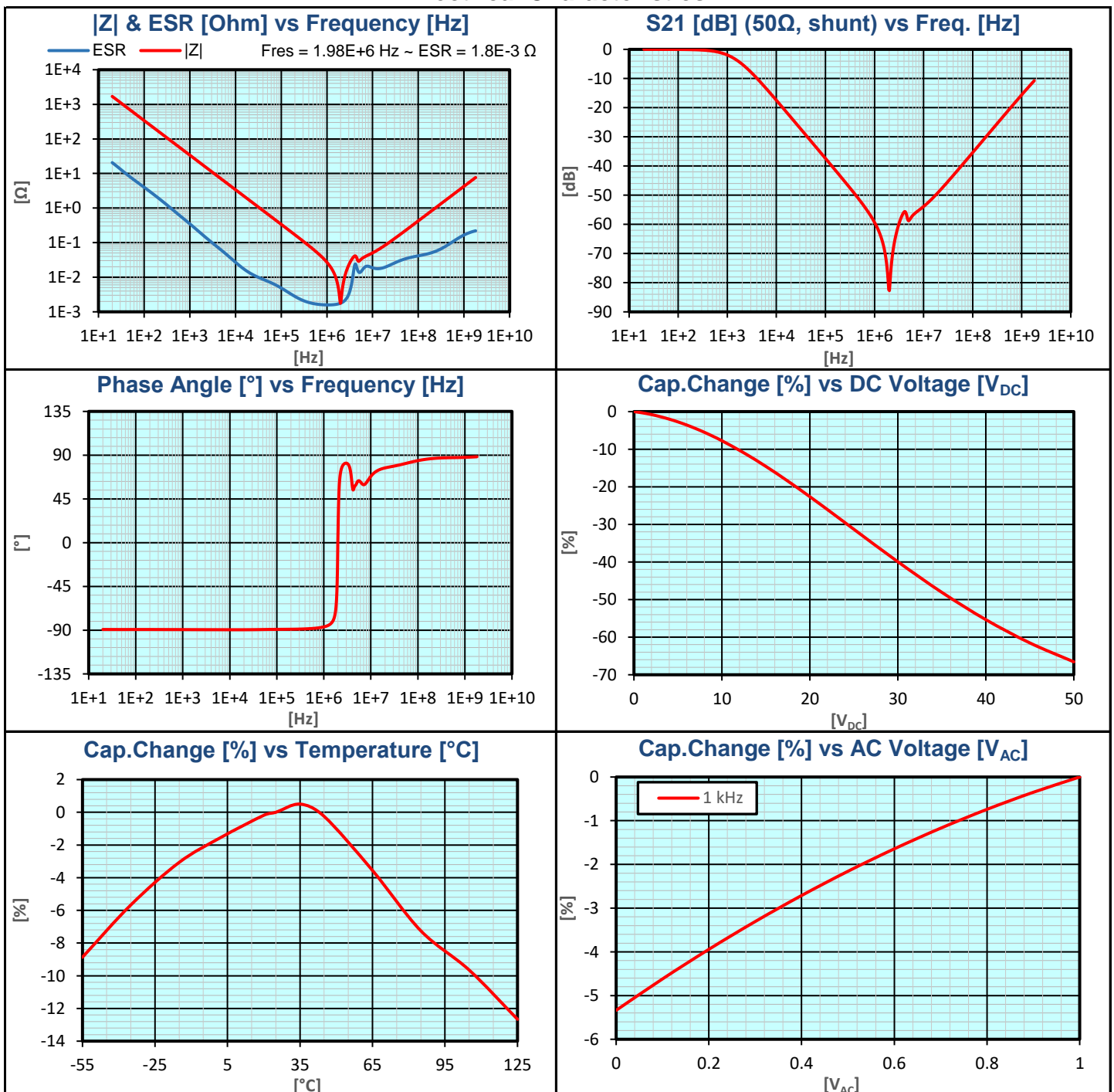


	millimetres	inches
L	4.5 ± 0.3	0.177 ± 0.012
W	3.2 ± 0.2	0.126 ± 0.008
T max.	2.79	0.11
t	0.61 ± 0.36	0.024 ± 0.014

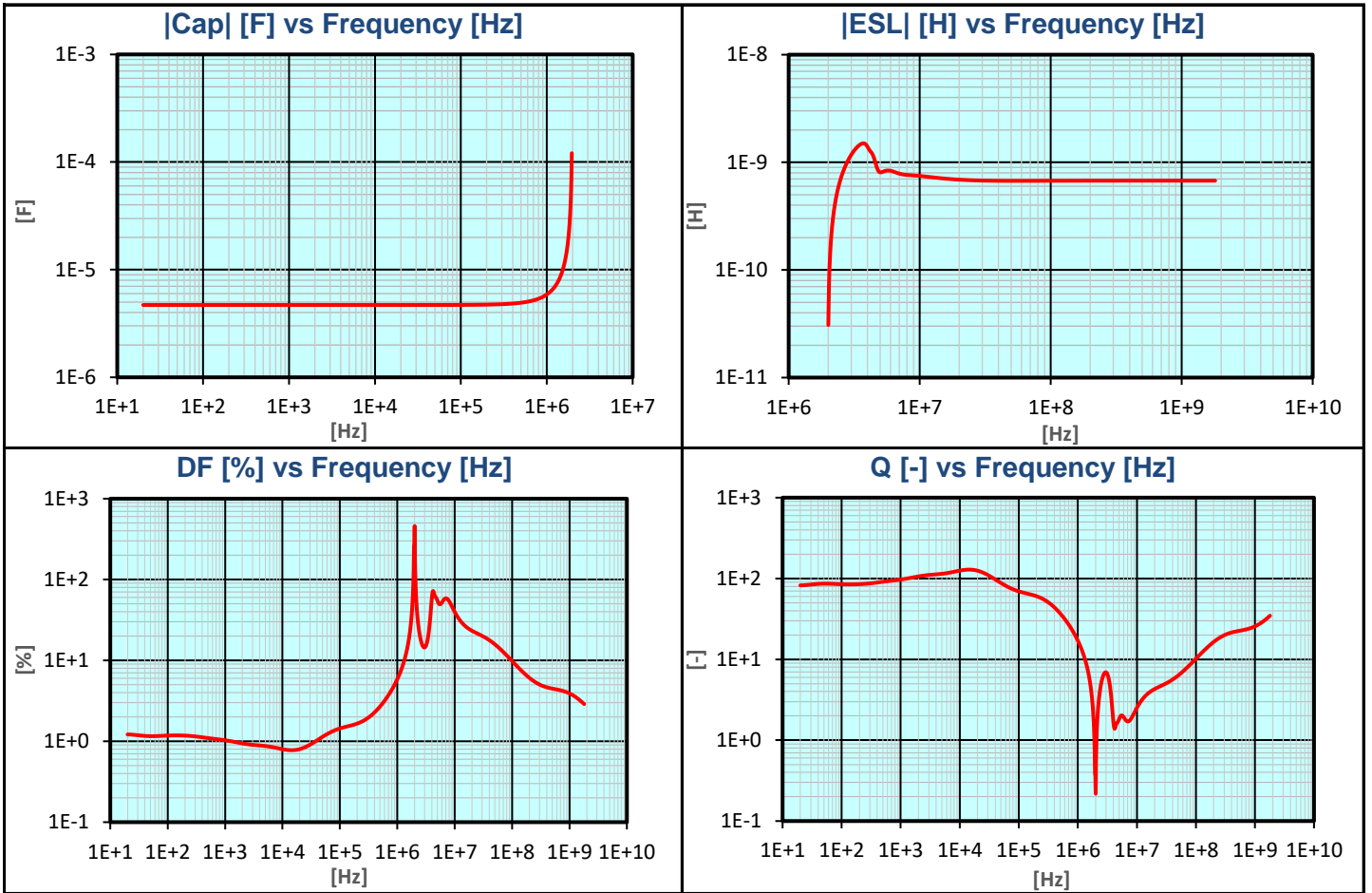
Basic Specifications

Item	Unit	Spec.	Conditions
Capacitance	uF	4.23 to 5.17	@ 1 kHz, 1 Vrms
DF	%	2.5 max.	@ 1 kHz, 1 Vrms
IR	MΩ	212.7 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		Qualified	
RoHS Compliant		Yes	
Termination		FLEXITERM®	

Electrical Characteristics



Electrical Characteristics



18125C475K4Z2A Datasheet

(1812 50V X7R 4.7 μ F \pm 10% AEC-Q200 FLEXITERM®)

How To Order

<u>0805</u>	<u>5</u>	<u>C</u>	<u>103</u>	<u>M</u>	<u>A</u>	<u>T</u>	<u>2</u>	<u>A</u>
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 = \pm 5%* K = \pm 10% M = \pm 20% * \leq 1 μ F 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
<p>NOTE: Contact factory for availability of Termination and Tolerance Options for Specific Part Numbers. Contact factory for non-specified capacitance values.</p>								
<p>NOTICE: Specifications are subject to change without notice. All statements, information and data given herein are believed 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.</p>								