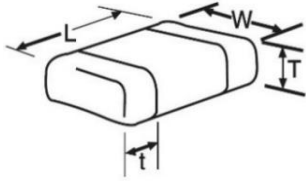


# 18125G106ZAT2A Datasheet

(1812 50V Y5V 10uF +80% -20%)

## Dimensions

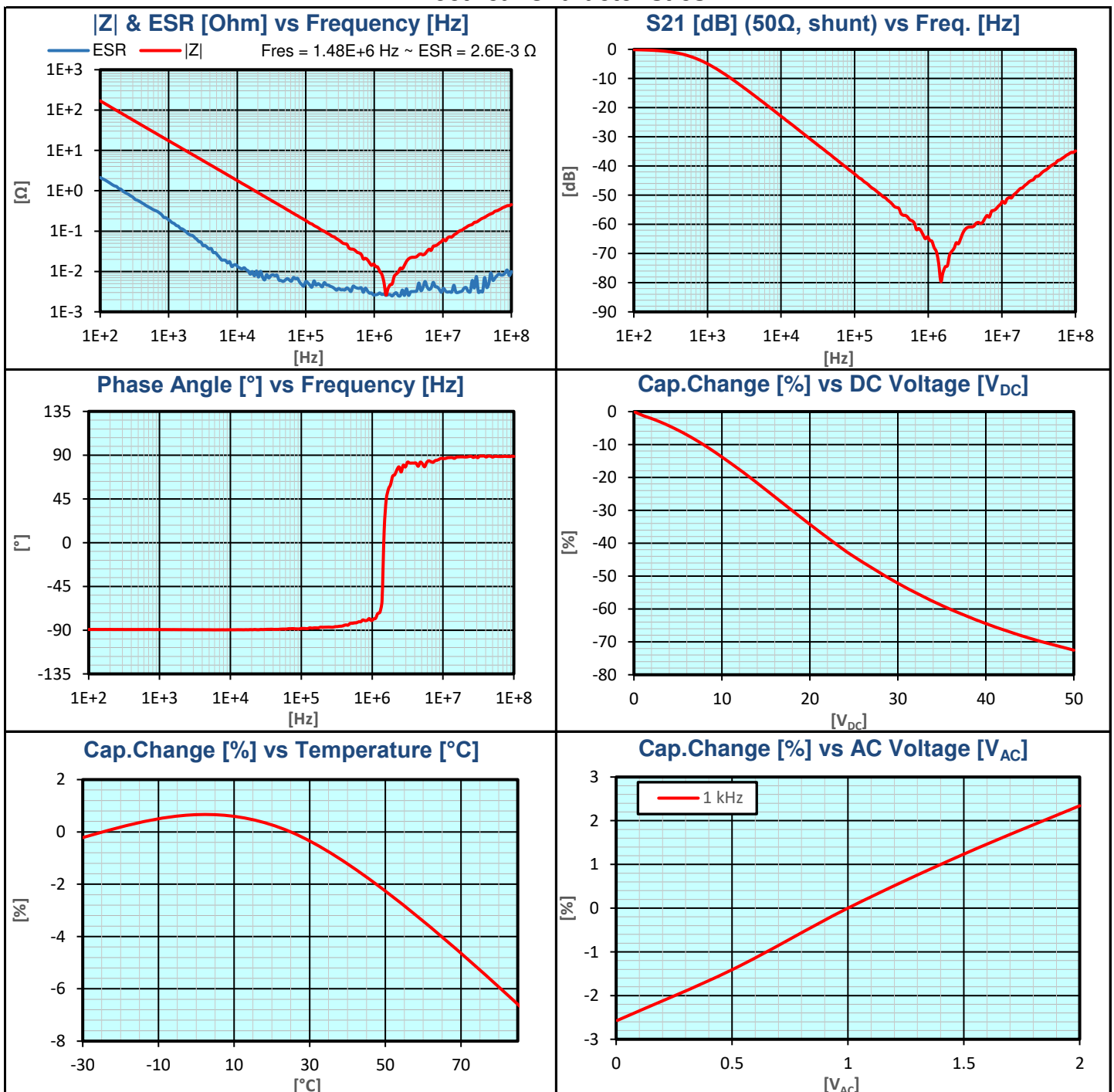


	millimetres	inches
L	4.5 ± 0.4	0.177 ± 0.016
W	3.2 ± 0.4	0.126 ± 0.016
T max.	2.79	0.11
t	0.61 ± 0.36	0.024 ± 0.014

## Basic Specifications

Item	Unit	Spec.	Conditions
Capacitance	uF	8 to 18	@ 1 kHz, 1 Vrms
DF	%	10 max.	@ 1 kHz, 1 Vrms
IR	MΩ	50 min.	@ 50 Vdc, t = 120 s
DWV	Vdc	125	@ I ≤ 50mA, t ≤ 5 s
Operating Temperature		-30°C to +85°C	
Dielectric		Y5V	
AEC-Q200		Not qualified	
RoHS Compliant		Yes	
Termination		Sn	

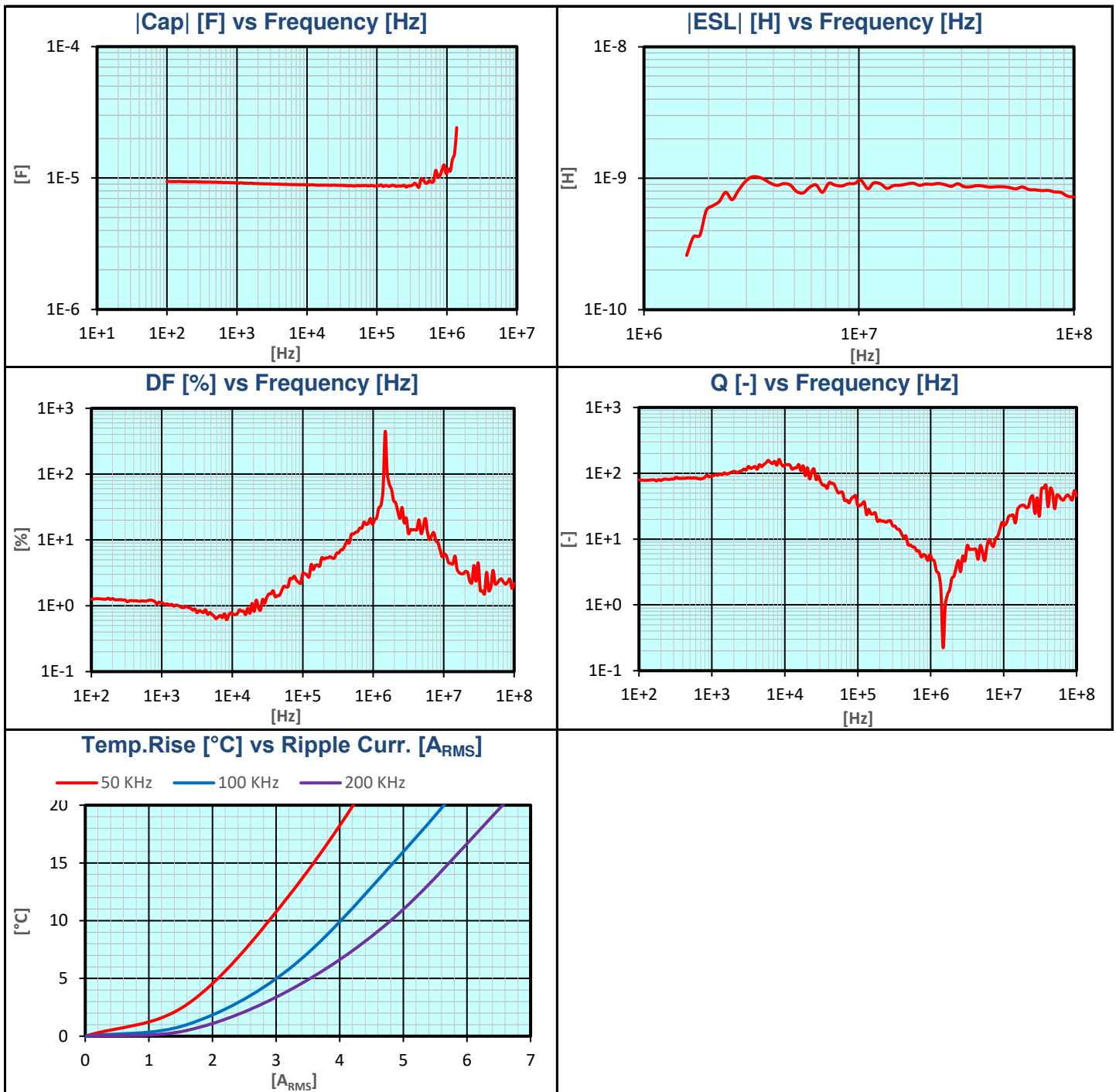
## Electrical Characteristics



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## How To Order

0805	3	G	104	Z	A	T	2	A
<b>Size</b> (L" x W")	<b>Voltage</b> 6.3V = 6 10V = Z 16V = Y 25V = 3 50V = 5	<b>Dielectric</b> Y5V = G	<b>Capacitance Code (In pF)</b> 2 Sig. Digits + Number of Zeros	<b>Capacitance Tolerance</b> Z = +80 -20%	<b>Failure Rate</b> A = Not Applicable	<b>Terminations</b> T = Plated Ni and Sn	<b>Packaging</b> 2 = 7" Reel 4 = 13" Reel	<b>Special Code</b> A = Std. Product

**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.