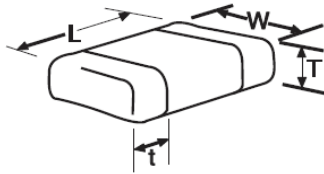


KGM21AR51C226MU Datasheet

(0805 16 V X5R 22uF ±20%)

Dimensions

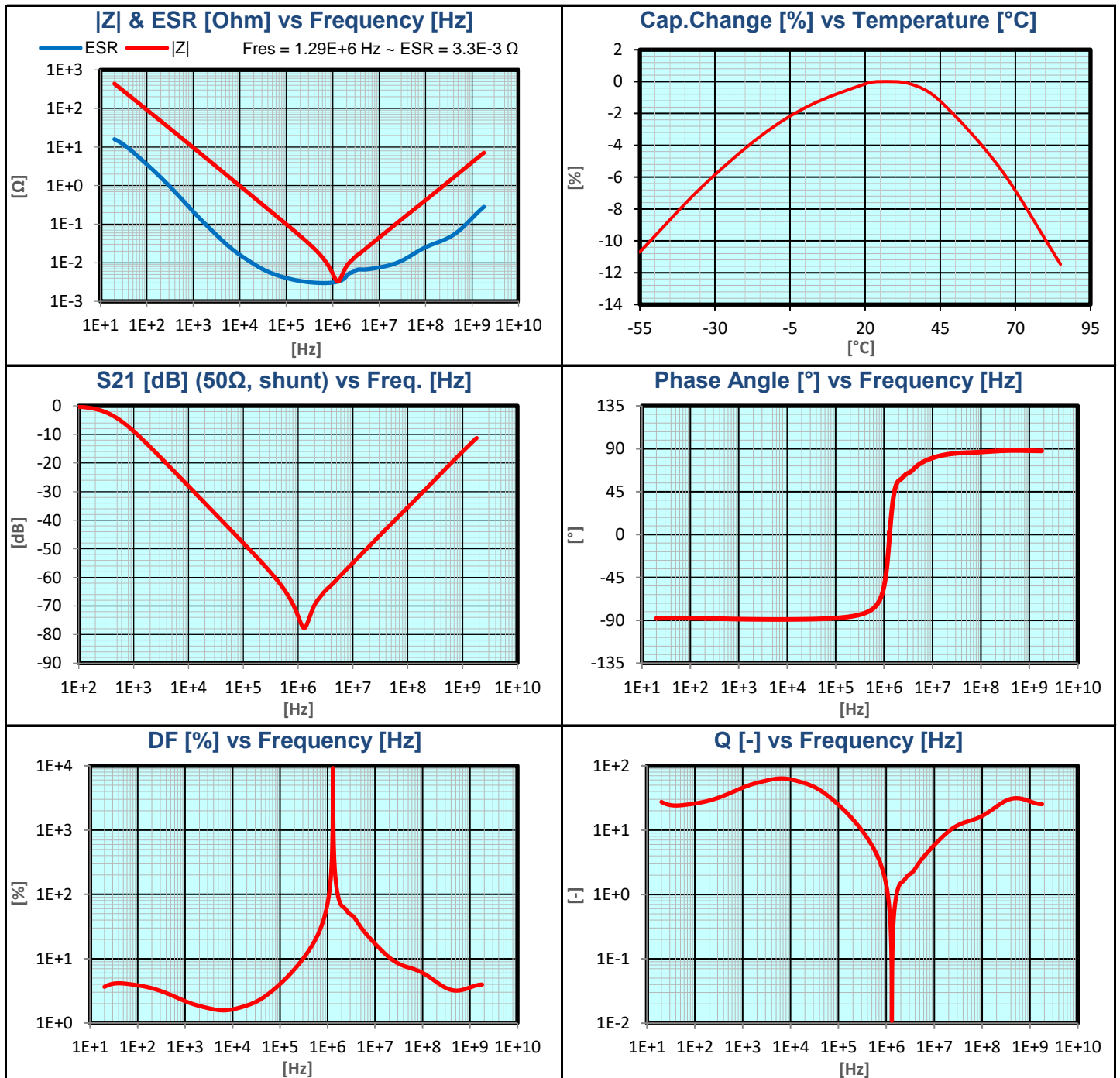


	millimetres (inches)
L	2.01 ± 0.20 (0.079 ± 0.008)
W	1.25 ± 0.20 (0.049 ± 0.008)
T max.	1.45 (0.057)
t	0.50 ± 0.25 (0.020 ± 0.010)

Basic Specifications

Item	Unit	Spec.	Conditions
Capacitance	uF	17.6 to 26.4	@ 120 Hz, 0.5 Vrms
DF	%	12.5 max.	@ 120 Hz, 0.5 Vrms
IR	MΩ	22.7 min.	@ 16 Vdc
DWV	Vdc	40	@ I ≤ 50mA, t ≤ 5 s
Operating Temperature		-55 °C to +85 °C	
Dielectric		X5R	
Product Level		General	
RoHS Compliant		Yes	
Termination		Sn	

Electrical Characteristics

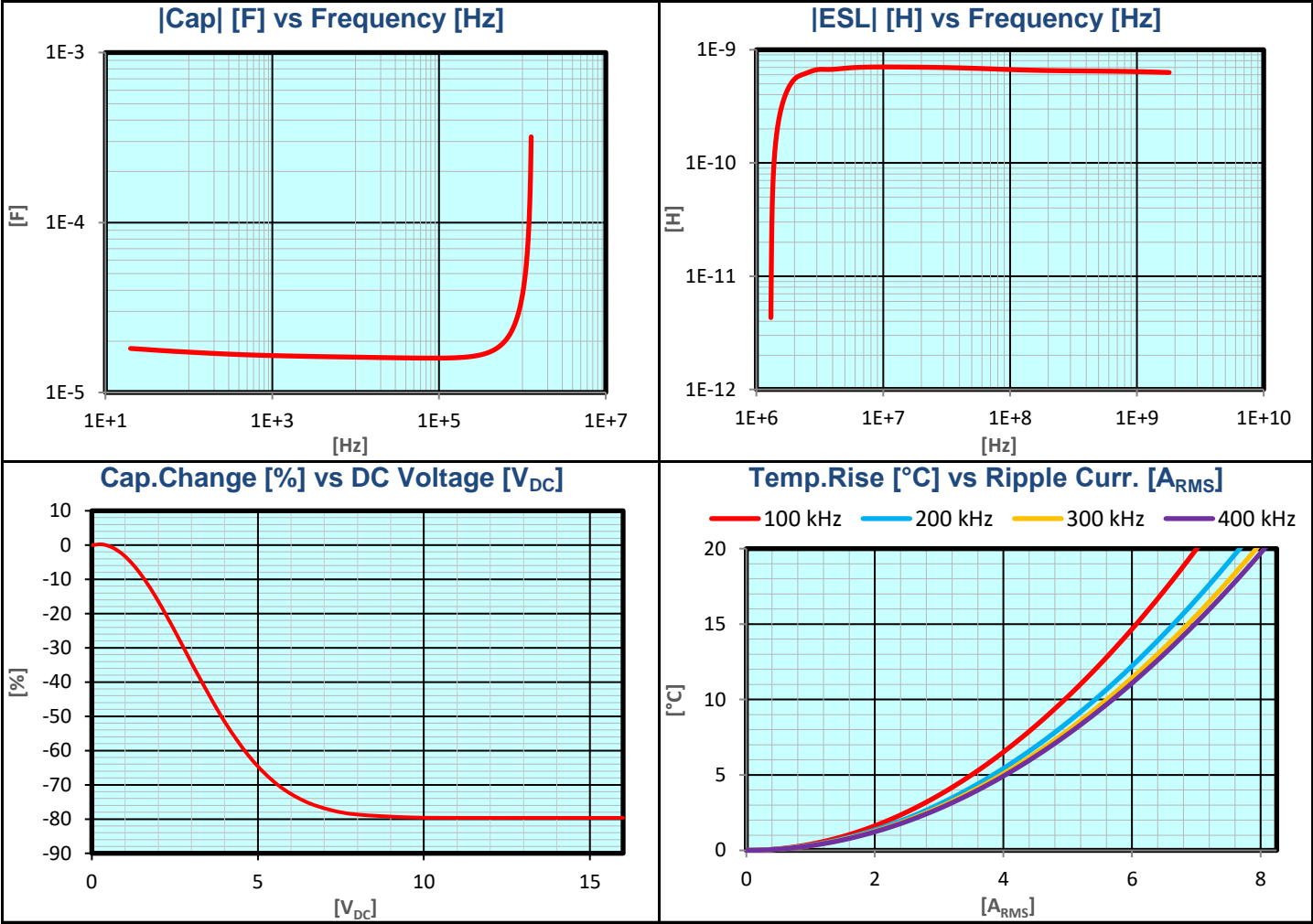


KGM21AR51C226MU Datasheet

(0805 16 V X5R 22uF ±20%)



Electrical Characteristics



How To Order

K		G		M		21		C		R5		1E		103		K		T		###	
Symbol:	Product Level:	Requirement:		Size:		Thickness:	Dielectric:	Voltage:		Capacitance:	Tolerance:	Packing:	Optional:								
KAVX	G General	M Standard		Code:	EIA:	See catalog	CG C0G	Multiplier:	Base:	(2 significant digits	A ± 0.05 pF	H	See catalog for optional codes								
	A Automotive	U Hi-Q (Special function)		02	01005	for list of codes	R5 X5R	0 1x	A 1	+ no of zeros)	B ± 0.1 pF	T									
	(AEC-Q200)	E ESD (Special function)		03	0201		S6 X6S	1 10x	N 1.5		C ± 0.25 pF	U									
	M Medical	L Low inductance reverse Geometry		05	0402		T6 X6T	2 100x	D 2	Examples:	D ± 0.5 pF	Y									
		A Low Inductance LGA		15	0603		R7 X7R	3 1000x	E 2.5	100 = 10 pF	F ± 1 %	V	Φ 180 (7 inch)*								
		F Flexitem (Special function/structure)		21	0805		S7 X7S		U 3	102 = 1000 pF	G ± 2 %										
		S Flexisafe (Special function/structure)		31	1206		T7 X7T		V 3.5	224 = 220 nF	J ± 5 %	M									
		G Gold Termination (Special Structure)		32	1210		R8 X8R		G 4	105 = 1 μF	K ± 10 %	L									
		C IDC (Special structure)		42	1808		L8 X8L		H 5		M ± 20 %	N	Φ 330 (13 inch)*								
		Q Ultra Low ESR		43	1812		G8 X8G		J 6.3			K									
				44	1825		V5 Y5V					S									
				55	2220																
				56	2225																
				91	3640																
Example:																					
1E = 25V (10 x 2.5)													X	Waffle pack							
Note:																					
* See catalog for more information.																					

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.