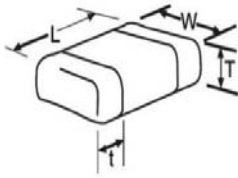


KAM05CT70J475KH Datasheet



(0402 6.3 V X7T 4.7uF ±10%)

Dimensions



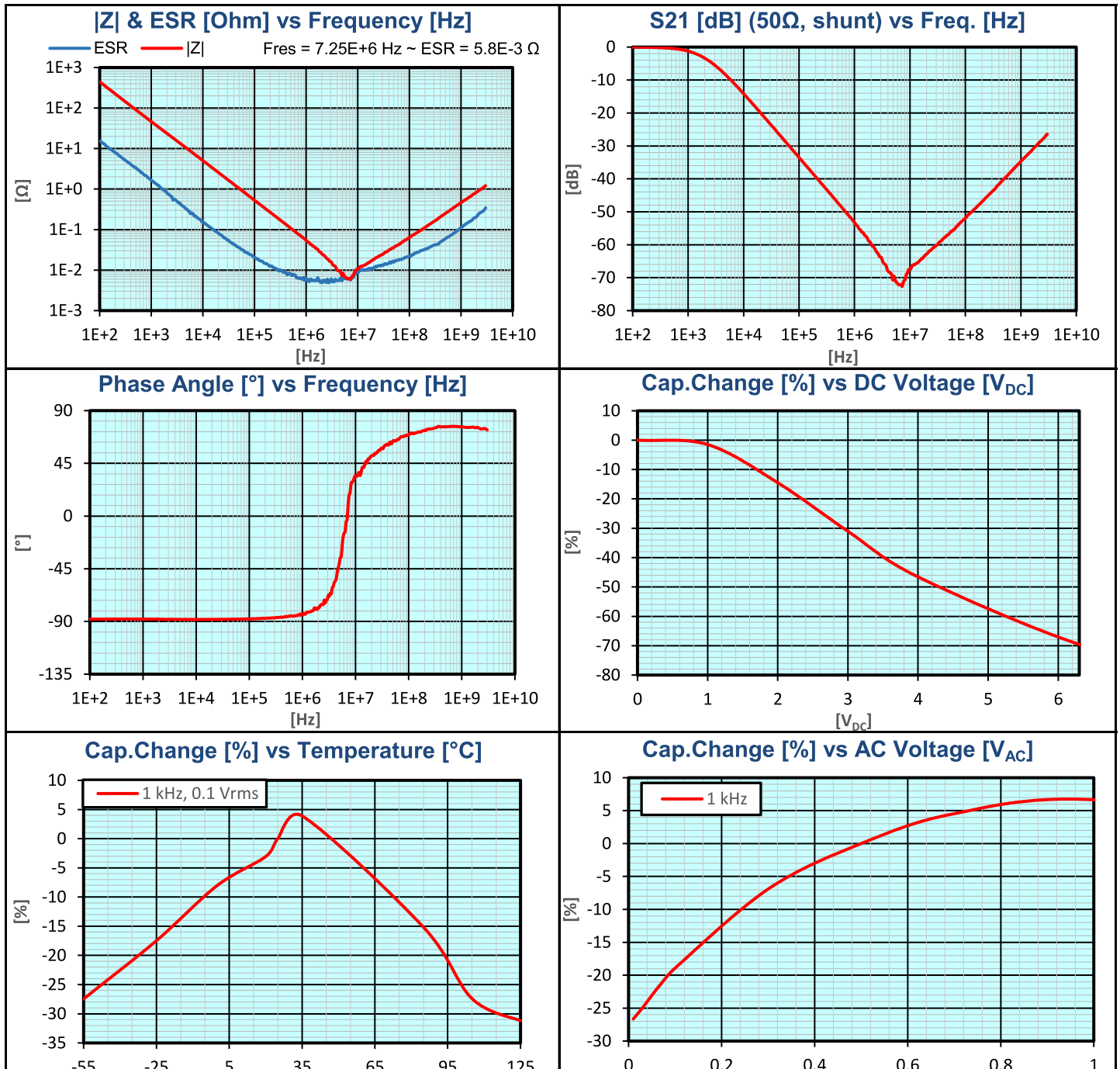
	millimetres	inches
L	1 ± 0.2	0.039 ± 0.008
W	0.5 ± 0.2	0.02 ± 0.008
T max.	0.7	0.028
t	0.25 ± 0.1	0.01 ± 0.004

Basic Specifications

Item	Unit	Spec.	Conditions
Capacitance	uF	4.23 to 5.17	@ 1 kHz, 0.5 Vrms
DF	%	12.5 max.	@ 1 kHz, 0.5 Vrms
IR	MΩ	10.6 min.	@ 6.3 Vdc, t = 60 s

Operating Temperature	-55°C to +125°C
Dielectric	X7T
Product Level	AEC-Q200
RoHS Compliant	Yes
Termination	Sn

Electrical Characteristics

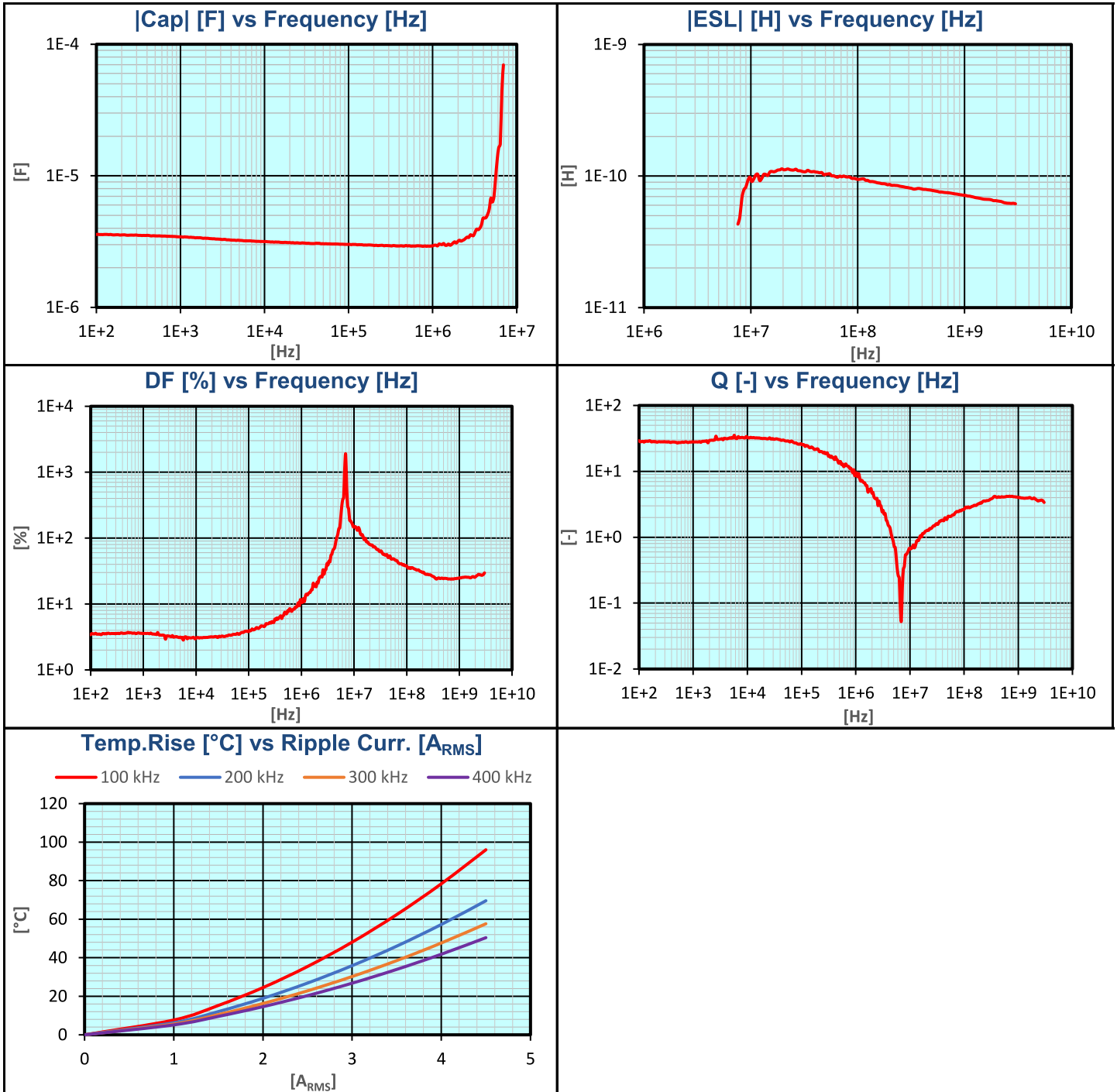


KAM05CT70J475KH Datasheet



(0402 6.3 V X7T 4.7uF ±10%)

Electrical Characteristics



KAM05CT70J475KH Datasheet



(0402 6.3 V X7T 4.7uF ±10%)

Part Number Information

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

Note:
* See catalog for more information.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Multilayer Ceramic Capacitors MLCC - SMD/SMT category:](#)

Click to view products by [Kyocera AVX manufacturer:](#)

Other Similar products are found below :

[M39014/02-1218V](#) [M39014/02-1225V](#) [M39014/22-0631](#) [D55342E07B523DR-T/R](#) [NCA1206X7R103K50TRPF](#) [NCA1206X7R104K16TRPF](#)
[NIN-FC2R7JTRF](#) [NMC0402NPO220J50TRPF](#) [NMC0402X5R105K6.3TRPF](#) [NMC0402X5R224K6.3TRPF](#) [NMC0402X7R103J25TRPF](#)
[NMC0402X7R392K50TRPF](#) [NMC0603NPO201J50TRPF](#) [NMC0603X7R333K16TRPF](#) [NMC0805NPO820J50TRPF](#)
[NMC0805X7R224K16TRPLPF](#) [NMC1206X7R102K50TRPF](#) [NMC1206X7R106K10TRPLPF](#) [NMC1206X7R475K10TRPLPF](#) [NMC-](#)
[Q0402NPO8R2D200TRPF](#) [C1608C0G2A221J](#) [C1608X7R1E334K](#) [C2012C0G2A472J](#) [2220J2K00562KXT](#) [CDR33BX104AKUR](#)
[CDR33BX683AKUS](#) [CGA3E1X7R1C684K](#) [CL10C0R8BB8ANNC](#) [C1005X5R0G225M](#) [C2012X7R2E223K](#) [C3216C0G2J272J](#)
[D55342E07B35E7R-T/R](#) [NMC0402X7R562J25TRPF](#) [NMC0603NPO102J25TRPF](#) [NMC1206X7R332K50TRPF](#) [726632-1](#)
[CGA6M3X7R1H225K](#) [CGA5L2X7R2A105K](#) [CGA3E2X8R1H223K](#) [CDR33BX823AKUR\M500](#) [CDR35BX474AKUR\M500](#)
[CDR35BX104BKUR\M500](#) [69995D](#) [NMC0201X5R473K6.3TRPF](#) [NMC0201X7R221K25TRPF](#) [NMC0402X5R105K10TRPF](#)
[NMC0402X5R224K10TRPF](#) [NMC0603X7R104J25TRPF](#) [NMC0603X7R223K25TRPF](#) [NMC0805NPO100J50TRPF](#)