

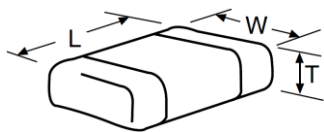
12061Z475KAT2A

(1206 100V X7S 4.7 μ F \pm 10%)



Electrical Characteristics Data

Dimensions



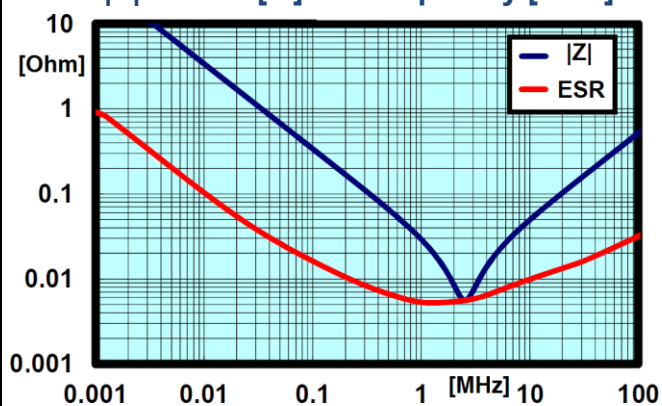
millimetres (inches)	
L	3.20 \pm 0.30 (0.126 \pm 0.012)
W	1.60 \pm 0.30 (0.063 \pm 0.012)
T	1.90 max. (0.075 max.)

Basic Specifications

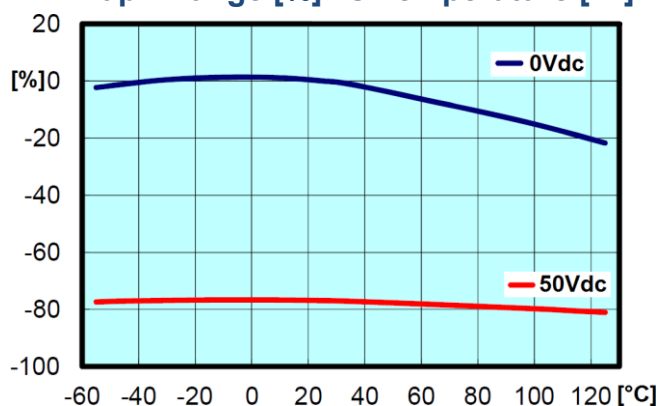
Item	Unit	Spec.	Conditions
Capacitance	μ F	4.23 to 5.17	@ 1 kHz, 1 Vrms
DF	%	2.5 max.	@ 1 kHz, 1 Vrms
IR	M Ω	106 min.	@ 100 Vdc, t \geq 60 s
DWV	Vdc	300 Vdc	@ I \leq 50mA, t \leq 5 s

Operating Temperature	-55 $^{\circ}$ C to +125 $^{\circ}$ C
Dielectric	X7S (\pm 22%)
AEC-Q200	Not Qualified
Termination	Plated Ni & Sn

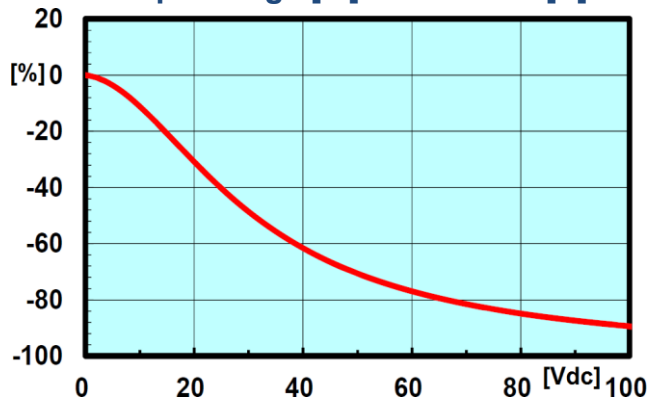
|Z| & ESR [Ω] vs Frequency [MHz]



Cap.Change [%] vs Temperature [$^{\circ}$ C]



Cap.Change [%] vs DC Bias [V]



Cap.Change [%] vs AC Voltage [Vrms]

