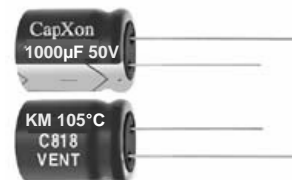


Aluminum Electrolytic Capacitor



KM series

Part number	KM102M050I250A	
Capacitance	1000	μF
Voltage	50	VDC
Surge Voltage	57	VDC
Capacitance Tolerance (@ +20°C)	±20	%
Ripple current (max, @120Hz,+105°C)	890	mA
Dissipation factor(tanδ @120Hz, +20°C)	10	%
Leakage Current (max, @ +20°C)*	500	μA
Size	13x25	mm
Operating temperature	-40 to 105	°C
Endurance	2000	h



L.C.: After 1 min. with rated working voltage applied.

Test conditions	Endurance	Shelf Life
Duration time	2000h @ 105°C	1000h @ 105°C
Applied voltage	Rated DC working voltage, I _R	None
After test requirements (+20°C):		
Capacitance change	≤ ±20% of initial measured value	
Dissipation factor change	≤ 200% of the initial specified value	
Leakage current	≤ the initial specified value	
comment	Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 min.	



D	13
L	25
F	5
dφ	0.6

Series	Cap	Tol.	Voltage	Case D	Case L	Type	Lead Treatm.	Special
1_2	3_4_5	6	7_8_9	10	11_12_13	14	15_16	17_18_19_20
KM	102	M	050	I	250	A	A	
	=1000μF	=±20%	=50V	=13mm	=25mm	A=standard	no request	
	...							

Specification and description for the component(s) are subject to change without notice. For packaging, handling, precautions and warning information, please visit our website: www.capxongroup.com