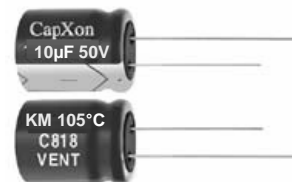


# Aluminum Electrolytic Capacitor



## KM series

Part number	<b>KM100M050C110A</b>	
Capacitance	10	μF
Voltage	50	VDC
Surge Voltage	57	VDC
Capacitance Tolerance (@ +20°C)	±20	%
Ripple current (max, @120Hz,+105°C)	48	mA
Dissipation factor(tanδ @120Hz, +20°C)	10	%
Leakage Current (max, @ +20°C)*	5	μA
Size	5x11	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 <sub>R</sub>	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	5
L	11
F	2
dφ	0.5

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
<b>KM</b>	<b>100</b>	<b>M</b>	<b>050</b>	<b>C</b>	<b>110</b>	<b>A</b>	<b>A</b>	
	=10μF	=±20%	=50V	=5mm	=11mm	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](http://www.capxongroup.com)