

# Aluminum Electrolytic Capacitor



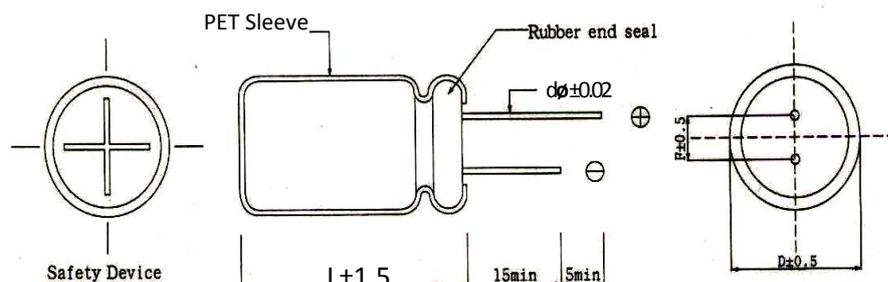
## KH series

Part number	<b>KH470M450K315A</b>	
Capacitance	47	μF
Voltage	450	VDC
Surge Voltage	495	VDC
Capacitance Tolerance (@ +20°C)	±20	%
Ripple current (max, @100kHz,+105°C)	1330	mA
Dissipation factor(tanδ @120Hz, +20°C)	20	%
Leakage Current (max, @ +20°C)*	946	μA
Size	18x31.5	mm
Operating temperature	-25 to 105	°C
Endurance	10000	h



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

Test conditions	Endurance	Shelf Life
Duration time	10000h @ 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	18
L	31.5
F	7.5
dφ	0.8

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>KH</b>	<b>470</b>	<b>M</b>	<b>450</b>	<b>K</b>	<b>315</b>	<b>A</b>	<b>A</b>	
	=47μF	=±20%	=450V	=18mm	=31.5mm	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)