

## Aluminum Electrolytic Capacitor Specification

Series	KLH	10 V 470 $\mu$ F	Part No.	KLH-010V471MF110-T/A5.0
Customer No.	/		Case size	$\Phi$ D 8 X L 11
Specification	Items		Standard	
	Operating temperature range		- 40 ~ + 105 $^{\circ}$ C	
	Capacitance tolerance		$\pm$ 20% ( 20 $^{\circ}$ C , 120Hz )	
	Dissipation factor (MAX)		( Less than ) 0.19 ( 20 $^{\circ}$ C , 120Hz )	
	Leakage current (MAX)		( Less than ) 47 $\mu$ A ( 20 $^{\circ}$ C 10 V 2 min )	
	Impedance (MAX)		0.115 $\Omega$ (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		555mA <sub>rms</sub> ( 100KHz , 105 $^{\circ}$ C )	
	Load life		3000 hrs	
Outline	Sleeve color		Deep Green	
	Marking color		White	
	( Dimensions )			
	<p style="text-align: center;">Copper clad steel wire(tinned)</p> <p>The drawing shows a side view of the capacitor with a cylindrical body and a vent. Labels include 'Vent', 'Sleeve', 'Markings', and 'Copper clad steel wire(tinned)'. Dimensions are given as 8+0.5 MAX for the vent height, 11 + 1.5 max for the body length, 15min for the lead length, and 4min for the lead diameter. A diameter of <math>\Phi 0.5 \pm 0.05</math> is specified for the lead wire. The top view shows a circular capacitor with a 'Flat Rubber' seal and a 'Lead space' of 3.5<math>\pm</math>0.5. Polarity is indicated with a positive (+) sign on the top lead and a negative (-) sign on the bottom lead. A note states: [Remarks:Taping space:5.0(+0.8-0.2)] and the unit is (unit):mm.</p>			
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Wrote by: LUOLI		Checked by: DINGCHANGHUA		Approved by: SHENZHIHONG