

## Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 47 $\mu$ F	Part No.	KLH-050V470ME110-T/A5.0
Customer No.	/		Case size	$\Phi$ D 6.3 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 ) 0.10 ( 20 $^{\circ}$ C , 120Hz )	
	Leakage current (MAX)		( Less than ) 23.5 $\mu$ A ( 20 $^{\circ}$ C 50 V 2 min )	
	Impedance (MAX)		0.5 $\Omega$ (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		285 mArms ( 100KHz , 105 $^{\circ}$ C )	
	Load life		2000 hrs	
Outline	Sleeve color		Deep Green	
	Marking color		White	
	( Dimensions )			
	<p>Copper clad steel wire(tinned)</p> <p>The drawing shows a side view of the capacitor with a cylindrical body and a flat rubber top. Labels include 'Vent' at the top left, 'Sleeve' on the top edge, 'Markings' on the side, and 'Copper clad steel wire(tinned)' for the leads. Dimensions are given as 6.3+0.5 MAX for the 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 leads. The top view shows a circular cross-section with a 'Lead space' of 2.5<math>\pm</math>0.5 and a note: '[Remarks:Taping space:5.0(+0.8-0.2)]'. The unit is mm.</p>			
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