

## Aluminum Electrolytic Capacitor Specification

Series	KLH	25 V 470 $\mu$ F	Part No.	KLH-025V471MG160-T/A5.0
Customer No.	/		Case size	$\Phi$ D 10 X L 16
Specification	Items		Standard	
	Operating temperature range		- 40 ~ + 105 $^{\circ}$ C	
	Capacitance tolerance		$\pm$ 20% ( 20 $^{\circ}$ C , 120Hz )	
	Dissipation factor (MAX)		( Less than ) 0.14 ( 20 $^{\circ}$ C , 120Hz )	
	Leakage current (MAX)		( Less than ) 117.5 $\mu$ A ( 20 $^{\circ}$ C 25 V 2 min )	
	Impedance (MAX)		0.065 $\Omega$ (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		1040mArms ( 100KHz , 105 $^{\circ}$ C )	
	Load life		5000 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 flat rubber seal. Labels include 'Vent' at the top, 'Sleeve' on the side, 'Markings' on the body, and 'Copper clad steel wire(tinned)' for the leads. Dimensions are given in millimeters: height is 10+0.5 MAX, body length is 16 + 1.5 max, lead length is 15min, and lead diameter is <math>\Phi</math>0.6<math>\pm</math>0.05. Polarity is indicated with a '+' sign on the top lead and a '-' sign on the bottom lead. A top view shows the circular body with a diameter of 10mm and a lead space of 5.0<math>\pm</math>0.5. A note specifies '[Remarks:Taping space:5.0(+0.8-0.2)]' and '(unit):mm'.</p>			
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