

## Aluminum Electrolytic Capacitor Specification

Series	KLW	25 V 470 $\mu$ F	Part No.	KLW-025V471MG160-T/A5.0
Customer No.	/		Case size	$\Phi$ D 10 X L16
Specification	Items		Standard	
	Operating temperature range		- 40 ~ + 105 $^{\circ}$ C	
	Capacitance tolerance		$\pm$ 20% ( 20 $^{\circ}$ C , 120Hz )	
	Dissipation factor (MAX)		( Less than ) 0.16 ( 20 $^{\circ}$ C , 120Hz )	
	Leakage current (MAX)		( Less than ) 117.5 $\mu$ A ( 20 $^{\circ}$ C 25 V 2 min )	
	Impedance (MAX)		0.30 $\Omega$ (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		940 mArms ( 100KHz , 105 $^{\circ}$ C )	
	Load life		5000 hrs	
Outline	Sleeve color		Purple	
	Marking color		White	
	( Dimensions )			
	<p>The drawing shows a side view of the capacitor with a vent at the top left. Labels include 'Vent', 'Sleeve', 'Copper clad steel wire(tinned)', 'Markings', and 'Flat Rubber'. Dimensions are given as 10+0.5 MAX for height, 16 + 1.5max for body length, 15min for lead length, and 4min for terminal length. A diameter of <math>\Phi</math>0.6<math>\pm</math>0.05 is specified for the lead wire. The end view shows a circular capacitor with two leads and a 'Lead space' of 5.0<math>\pm</math>0.5. A note states '[Remarks:Taping space:5.0(+0.8-0.2)]' and '(unit):mm'.</p>			
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