

## Aluminum Electrolytic Capacitor Specification

Series	KLH	35 V 470 $\mu$ F	Part No.	KLH-035V471MG170-T/A5.0
Customer No.	/		Case size	$\Phi$ D 10 X L 17
Specification	Items		Standard	
	Operating temperature range		- 40 ~ + 105 $^{\circ}$ C	
	Capacitance tolerance		$\pm$ 20% ( 20 $^{\circ}$ C , 120Hz )	
	Dissipation factor (MAX)		( Less than ) 0.12 ( 20 $^{\circ}$ C , 120Hz )	
	Leakage current (MAX)		( Less than ) 164.5 $\mu$ A ( 20 $^{\circ}$ C 35 V 2 min )	
	Impedance (MAX)		0.07 $\Omega$ (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		780 mArms ( 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 10+0.5 MAX for height, 17 + 1.5 max for body length, 15min for sleeve length, and 4min for lead length. A diameter of <math>\Phi</math>0.6<math>\pm</math>0.05 is specified for the wire. Polarity is indicated with <math>\oplus</math> and <math>\ominus</math> symbols. A top view shows a circular lead with a diameter of 5.0<math>\pm</math>0.5 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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