

## Aluminum Electrolytic Capacitor Specification

Series	KLF	50 V 1 $\mu$ F	Part No.	KLF-050V010MC120-T/A5.0
Customer No.	361239		Case size	$\Phi$ D5X L 12
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 ) 3 $\mu$ A ( 20 $^{\circ}$ C 50 V 1 min )	
	Ripple current (MAX)		28 mArms ( 100KHz , 105 $^{\circ}$ C )	
	Impedance (MAX)		/	
	Load life		5000 hrs	
Outline	Sleeving pipe basic		PVC	
	( Dimensions )			
	<p>The drawing shows a side view of the capacitor with a sleeve. Labels include 'Sleeve', 'Copper clad steel wire(tinned)', 'Markings', and '5+0.5 MAX' for the sleeve height. Dimensions are given as 12 <math>\pm</math> 1.5max for the body length, 15min for the lead length, and 4min for the lead diameter. A diameter of <math>\Phi</math>0.5<math>\pm</math>0.05 is also indicated. The top view shows a circular cross-section with a lead space of 2.0+0.5 and a note: [Remarks: Taping space:5.0(+0.8-0.2)] (unit):mm</p>			
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