

Aluminum Electrolytic Capacitor Specification

Series	KLF	50 V 10 μ F	Part No.	KLF-050V100MC120-T2.5
Customer No.	355178		Case size	Φ 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) 0.10 (20 $^{\circ}$ C , 120Hz)	
	Leakage current (MAX)		(Less than) 5 μ A (20 $^{\circ}$ C 50 V 1 min)	
	Ripple current (MAX)		85 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\pm1.5max for the body length, 15min for the lead length, and 4min for the lead diameter. A diameter of Φ0.5\pm0.05 is also indicated. The top view shows a circular capacitor with two leads and a 'Lead space' of 2.0+0.5. A note specifies '[Remarks: Taping space:2.5(+0.8-0.2)]' and '(unit):mm'.</p>			
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