

Aluminum Electrolytic Capacitor Specification

Series	KLW	50 V 33 μ F	Part No.	KLW-050V330ME110-T2.5
Customer No.	/		Case size	Φ D 6.3 X L11
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) 16.5 μ A (20 $^{\circ}$ C 50 V 2 min)	
	Impedance (MAX)		2.0 Ω (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		190 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. The sleeve is labeled 'Sleeve' and 'Copper clad steel wire(tinned)'. The diameter of the wire is $\Phi 0.5 \pm 0.05$. The side view shows a 'Vent' at the top left, 'Markings' on the side, and a lead with a positive terminal (+) and a negative terminal (-). Dimensions are given as 6.3+0.5 MAX for the height, 11 + 1.5max for the body length, 15min for the lead length, and 4min for the lead diameter. The end view shows a 'Flat Rubber' seal and a 'Lead space' of 2.5\pm0.5. A note states: [Remarks:Taping space:2.5(+0.8-0.2)] and the unit is (unit):mm.</p>			
Recorder	(The first edition) : 2017-4-5			
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