

Aluminum Electrolytic Capacitor Specification

Series	KLH	500 V 10 μ F	Part No.	KLH-500V100MG200-T/A5.0
Customer No.	/		Case size	Φ D 10 X L 20
Specification	Items		Standard	
	Operating temperature range		- 25 ~ + 105 $^{\circ}$ C	
	Capacitance tolerance		\pm 20% (20 $^{\circ}$ C , 120Hz)	
	Dissipation factor (MAX)		(Less than) 0.15 (20 $^{\circ}$ C , 120Hz)	
	Leakage current (MAX)		(Less than) 150 μ A (20 $^{\circ}$ C 500 V 2 min)	
	Impedance (MAX)		4 Ω (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		190 mArms (100KHz , 105 $^{\circ}$ C)	
	Load life		5000 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 flat rubber top. Labels include 'Vent' at the top left, 'Sleeve' on the top edge, 'Markings' on the side, and 'Copper clad steel wire(tinned)' for the leads. Dimensions are given as 10+0.5 MAX for height, 20 + 2.0max for body length, 15min for lead length, and 4min for lead spacing. Lead diameter is Φ0.6\pm0.05. Polarity is indicated with \oplus and \ominus symbols. A top view shows the circular body with a lead space of 5.0\pm0.5. A note specifies '[Remarks:Taping space:5.0(+0.8-0.2)]' and '(unit):mm'.</p>			
Recorder	(The first edition) : 2016-10-31			
Wrote by: LUOLI		Checked by: DINGCHANGHUA		Approved by: SHENZHIHONG