

Aluminum Electrolytic Capacitor Specification

Series	KLH	500 V 4.7 μ F	Part No.	KLH-500V4R7MG200
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) 70.5 μ A (20 $^{\circ}$ C 500 V 2 min)	
	Impedance (MAX)		5.5 Ω (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		190mA rms (100KHz , 105 $^{\circ}$ C)	
	Load life		5000 hrs	
Outline	Sleeve color		Deep Green	
	Marking color		White	
	(Dimensions)			
	<p>Copper clad steel wire(tinned)</p> <p>The drawing shows a side view of the capacitor with a cylindrical body and a flat rubber seal. Labels include: 'Vent' at the top left, 'Sleeve' on the top right, 'Markings' on the side, and 'Copper clad steel wire(tinned)' for the leads. Dimensions are: height 10+0.5 MAX, body length 20 + 2.0 max, lead length 15min, and lead diameter Φ0.6\pm0.05. Polarity is indicated with a '+' sign on the top lead and a '-' sign on the bottom lead. The end view shows a circular cross-section with a 'Lead space 5.0\pm0.5' between the leads and a 'Flat Rubber' seal.</p>			
Recorder	(The first edition) : 2016-10-31			
Wrote by: LUOLI		Checked by: DINGCHANGHUA		Approved by: SHENZHIHONG