

Aluminum Electrolytic Capacitor Specification

Series	KLH	500 V 4.7 μ F	Part No.	KLH-500V4R7MG160
Customer No.	/		Case size	Φ D 10 X L 16
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)		6 Ω (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		180mA rms (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 sleeve. Key features include a vent at the top, markings on the side, and a copper clad steel wire lead with a diameter of $\Phi 0.6 \pm 0.05$. Dimensions are given as: height $10 + 0.5$ MAX, sleeve diameter $\Phi 0.6 \pm 0.05$, lead length 15 min, and terminal length 4 min. The total length is $16 + 1.5$ max. The end view shows a circular capacitor with a lead space of 5.0 ± 0.5.</p>			
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