

Aluminum Electrolytic Capacitor Specification

Series	KLH	450 V 4.7 μ F	Part No.	KLH-450V4R7MG160
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) 63.45 μ A (20 $^{\circ}$ C 450 V 2 min)	
	Impedance (MAX)		7.0 Ω (100KHz, 20 $^{\circ}$ C)	
	Ripple current (MAX)		170 mArms (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, 'Sleeve' on the side, 'Markings' on the front, and 'Copper clad steel wire(tinned)' for the leads. Dimensions are given as 10+0.5 MAX for height, 16 + 1.5 max for body length, 15min for lead length, and 4min for lead spacing. A diameter of Φ0.6\pm0.05 is specified for the leads. The end view shows a circular cross-section with a lead space of 5.0\pm0.5 between the leads.</p>			
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