

Aluminum Electrolytic Capacitor Specification

Series	KLH	450 V 4.7 μ F	Part No.	KLH-450V4R7MG160-T/A5.0
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 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 in mm: height is 10+0.5 MAX, body length is 16 + 1.5max, sleeve length is 15min, and lead length is 4min. Lead diameter is Φ0.6\pm0.05. The top view shows a circular cross-section with a lead space of 5.0\pm0.5. Polarity is indicated with a positive (+) sign on the top lead and a negative (-) sign on the bottom lead. A note specifies '[Remarks:Taping space:5.0(+0.8-0.2)]' and '(unit):mm'.</p>			
Recorder	(The first edition) : 2016-10-31			
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