

Aluminum Electrolytic Capacitor Specification

Series	KLH	25 V 1000 μ F	Part No.	KLH-025V102MG170-T/A5.0
Customer No.			Case size	Φ D 10 X L17
Specification	Items		Standard	
	Operating temperature range		- 40 ~ + 105 $^{\circ}$ C	
	Capacitance tolerance		\pm 20% (20 $^{\circ}$ C , 120Hz)	
	Dissipation factor (MAX)		(Less than) 0.14 (20 $^{\circ}$ C , 120Hz)	
	Leakage current (MAX)		(Less than) 250 μ A (20 $^{\circ}$ C 25 V 2 min)	
	Impedance (MAX)		0.08 Ω (100kHz, 20 $^{\circ}$ C)	
	Ripple current (MAX)		1130 mA (100kHz , 105 $^{\circ}$ C)	
	Load life		5000hrs	
Outline	Sleeve color		Deep green	
	Marking color		White	
	(Dimensions)			
	<p>The drawing shows a side view of the capacitor with the following labels and dimensions:</p> <ul style="list-style-type: none"> Vent: The top vent on the sleeve. Sleeve: The outer protective layer. Markings: The identification area on the sleeve. Copper clad steel wire(tinned): The internal leads. Dimensions: <ul style="list-style-type: none"> Height: 10+0.5 MAX Sleeve length: 17 \pm 1.5max Lead length: 15min Lead diameter: Φ0.6\pm0.05 Lead spacing: 4min Top View: Shows the circular cross-section with a Flat Rubber seal and a Taping space of 5.0(+0.8-0.2). <p style="text-align: right;">(unit):mm</p>			
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