

Aluminum Electrolytic Capacitor Specification

Series	KLH	450 V 10 μ F	Part No.	KLH-450V100MH200-T/A5.0
Customer No.	/		Case size	Φ D 12.5 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) 135 μ A (20 $^{\circ}$ C 450 V 2 min)	
	Impedance (MAX)		4.58 Ω (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		277 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 vent. Labels include 'Vent', 'Sleeve', 'Markings', and 'Copper clad steel wire(tinned)'. Dimensions are given as 12.5+0.5 MAX for height, 20 + 2.0max for body length, 15min for sleeve length, and 4min for lead length. A diameter of $\Phi 0.6 \pm 0.05$ is specified for the wire. Polarity is indicated with \oplus and \ominus symbols. A top view shows a circular lead space of 5.0\pm0.5 mm and a circular body with a diameter of 12.5 mm. A note specifies '[Remarks:Taping space:5.0(+0.8-0.2)]' and '(unit):mm'.</p>			
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