

## Aluminum Electrolytic Capacitor Specification

Series	KLH	16 V 2200 $\mu$ F	Part No.	KLH-016V222MH200-T/A5.0
Customer No.	/		Case size	$\Phi$ D 12.5 X L 20
Specification	Items		Standard	
	Operating temperature range		- 40 ~ + 105 $^{\circ}$ C	
	Capacitance tolerance		$\pm$ 20% ( 20 $^{\circ}$ C , 120Hz )	
	Dissipation factor (MAX)		( Less than ) 0.18 ( 20 $^{\circ}$ C , 120Hz )	
	Leakage current (MAX)		( Less than ) 352 $\mu$ A ( 20 $^{\circ}$ C 16 V 2 min )	
	Impedance (MAX)		0.04 $\Omega$ (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		1760 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 + 2.0 max for body length, 15min for sleeve length, and 4min for lead length. Lead diameter is <math>\Phi</math>0.6<math>\pm</math>0.05. Polarity is indicated with <math>\oplus</math> and <math>\ominus</math> symbols. A top view shows a circular lead space of 5.0<math>\pm</math>0.5 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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