

## Aluminum Electrolytic Capacitor Specification

Series	KLH	50 V 2200 $\mu$ F	Part No.	KLH-050V222MJ350
Customer No.	/		Case size	$\Phi$ D 16 X L 35
Specification	Items		Standard	
	Operating temperature range		- 40 ~ + 105 $^{\circ}$ C	
	Capacitance tolerance		$\pm$ 20% ( 20 $^{\circ}$ C , 120Hz )	
	Dissipation factor (MAX)		( Less than ) 0.12 ( 20 $^{\circ}$ C , 120Hz )	
	Leakage current (MAX)		( Less than ) 1100 $\mu$ A ( 20 $^{\circ}$ C 50 V 2 min )	
	Impedance (MAX)		0.030 $\Omega$ (100KHZ, 20 $^{\circ}$ C)	
	Ripple current (MAX)		2685 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 seal. Labels include: 'Vent' at the top left, 'Sleeve' on the top right, 'Markings' on the side, and 'Copper clad steel wire(tinned)' for the leads. Dimensions are: height 16+0.5 MAX, body length 35 + 2.0 max, lead length 15min, and lead diameter <math>\Phi</math>0.8<math>\pm</math>0.05. The end view shows a circular cross-section with a 'Flat Rubber' seal and a 'Lead space' of 7.5<math>\pm</math>0.5. Polarity is indicated with a '+' sign on the top lead and a '-' sign on the bottom lead.</p>			
Recorder	(The first edition) : 2016-10-31			
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