

## Aluminum Electrolytic Capacitor Specification

Series	KRM	50 V 100 $\mu$ F	Part No.	KRM-050V101MF110-T/A3.5
Customer No.	/		Case size	$\Phi$ D 8 X L 11
Specification	Items		Standard	
	Operating temperature range		- 55 ~ + 105 $^{\circ}$ C	
	Capacitance tolerance		$\pm$ 20% ( 20 $^{\circ}$ C , 120Hz )	
	Dissipation factor (MAX)		( Less than ) 0.10 ( 20 $^{\circ}$ C , 120Hz )	
	Leakage current (MAX)		( Less than ) 50 $\mu$ A ( 20 $^{\circ}$ C 50 V 1 min )	
	Impedance (MAX)		/	
	Ripple current (MAX)		188 mArms ( 120Hz , 105 $^{\circ}$ C )	
	Load life		2000hrs	
Outline	Sleeving pipe basic		PVC	
	( Dimensions )			
	<p>The drawing shows a side view of the capacitor with the following dimensions and labels: <ul style="list-style-type: none"> <li><b>Vent</b>: A vertical arrow pointing to the top of the capacitor body.</li> <li><b>8+0.5 MAX</b>: Dimension for the height of the capacitor body.</li> <li><b>Markings</b>: A rectangular area on the side of the capacitor body.</li> <li><b>11 + 1.5max</b>: Dimension for the length of the capacitor body.</li> <li><b>15min</b>: Dimension for the length of the sleeve.</li> <li><b>4min</b>: Dimension for the length of the leads.</li> <li><b><math>\Phi</math>0.5<math>\pm</math>0.05</b>: Dimension for the diameter of the copper clad steel wire.</li> <li><b>Copper clad steel wire(tinned)</b>: Label for the leads.</li> <li><b>Sleeve</b>: Label for the PVC sleeve.</li> <li><b>Flat Rubber</b>: Label for the rubber seal on the top view.</li> <li><b>Lead space 3.5<math>\pm</math>0.5</b>: Dimension for the space between the leads on the top view.</li> <li><b>Remarks: Taping space: 3.5 (+0.8-0.2)</b>: Note for the taping process.</li> <li><b>(unit):mm</b>: Unit for all dimensions.</li> </ul> </p>			
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Wrote by: LUOLI		Checked by: DINGCHANGHUA		Approved by: SHENZHIHONG