

## Aluminum Electrolytic Capacitor Specification

Series	KRM	100 V 470 $\mu$ F	Part No.	KRM-100V471MJ315
Customer No.	/		Case size	$\Phi$ D 16 X L 31.5
Specification	Items		Standard	
	Operating temperature range		- 55 ~ + 105 $^{\circ}$ C	
	Capacitance tolerance		$\pm$ 20% ( 20 $^{\circ}$ C , 120Hz )	
	Dissipation factor (MAX)		( Less than ) 0.08 ( 20 $^{\circ}$ C , 120Hz )	
	Leakage current (MAX)		( Less than ) 470 $\mu$ A ( 20 $^{\circ}$ C 100 V 1 min )	
	Impedance (MAX)		/	
	Ripple current (MAX)		715 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 small protrusion on the top surface.</li> <li><b>Markings</b>: A rectangular area on the top surface.</li> <li><b>Sleeve</b>: A cylindrical component around the leads.</li> <li><b>Copper clad steel wire(tinned)</b>: The leads, with a diameter of <math>\Phi 0.8 \pm 0.05</math>.</li> <li><b>Lead space</b>: The distance between the leads, <math>7.5 \pm 0.5</math>.</li> <li><b>Flat Rubber</b>: A circular component at the bottom of the capacitor.</li> <li><b>Dimensions</b>: Total length is <math>31.5 + 2.0 \text{max}</math>, lead length is <math>15 \text{min}</math>, and lead diameter is <math>4 \text{min}</math>.</li> <li><b>Height</b>: <math>16 + 0.5 \text{MAX}</math>.</li> <li><b>Unit</b>: (unit):mm</li> </ul> </p>			
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