

## Aluminum Electrolytic Capacitor Specification

|                 |   |                          |  |                          |
|-----------------|---|--------------------------|--|--------------------------|
| Series          | KRM   | 16 V 1000 $\mu$ F        | Part No.   | KRM-016V102MF160-T/A3.5  |
| Customer No.    | /   |                          | Case size  | $\Phi$ D 8 X L 16        |
| Specification   | Items   |                          | Standard   |                          |
|                 | Operating temperature range   |                          | - 55 ~ + 105 $^{\circ}$ C                                |                          |
|                 | Capacitance tolerance   |                          | $\pm$ 20% ( 20 $^{\circ}$ C , 120Hz )                    |                          |
|                 | Dissipation factor (MAX)  |                          | ( Less than ) 0.16 ( 20 $^{\circ}$ C , 120Hz )           |                          |
|                 | Leakage current (MAX)   |                          | ( Less than ) 160 $\mu$ A ( 20 $^{\circ}$ C 16 V 1 min ) |                          |
|                 | Impedance (MAX)   |                          | /  |                          |
|                 | Ripple current (MAX)  |                          | 490mArms ( 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>Markings</b>: A rectangular area on the side of the capacitor body.</li> <li><b>Sleeve</b>: A cylindrical component around the terminal leads.</li> <li><b>Copper clad steel wire(tinned)</b>: The material of the terminal leads.</li> <li><b><math>\Phi 0.6 \pm 0.05</math></b>: The diameter of the terminal leads.</li> <li><b>16 + 1.5max</b>: The length of the capacitor body.</li> <li><b>15min</b>: The length of the sleeve.</li> <li><b>4min</b>: The length of the terminal leads.</li> <li><b>8+0.5 MAX</b>: The height of the capacitor body.</li> <li><b>Flat Rubber</b>: A circular component on the top view.</li> <li><b>Lead space 3.5<math>\pm</math>0.5</b>: The distance between the terminal leads on the top view.</li> <li><b>Remarks: Taping space: 3.5 (+0.8-0.2)</b>: A note about the taping space.</li> <li><b>(unit):mm</b>: The unit of measurement for all dimensions.</li> </ul> </p> |                          |  |                          |
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