

Aluminum Electrolytic Capacitor Specification

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|-----------------|--|--------------------------|--|--------------------------|
| Series | KLH | 10 V 1000 μ F | Part No. | KLH-010V102MG125 |
| Customer No. | / | | Case size | Φ D 10 X L 12.5 |
| Specification | Items | | Standard | |
| | Operating temperature range | | - 40 ~ + 105 $^{\circ}$ C | |
| | Capacitance tolerance | | \pm 20% (20 $^{\circ}$ C , 120Hz) | |
| | Dissipation factor (MAX) | | (Less than) 0.19 (20 $^{\circ}$ C , 120Hz) | |
| | Leakage current (MAX) | | (Less than) 100 μ A (20 $^{\circ}$ C 10 V 2 min) | |
| | Impedance (MAX) | | 0.12 Ω (100KHZ, 20 $^{\circ}$ C) | |
| | Ripple current (MAX) | | 900 mArms (100KHz , 105 $^{\circ}$ C) | |
| | Load life | | 3000 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 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 given as: height 10 ± 0.5 MAX, body length $12.5 + 1.5$ max, lead length 15 min, and lead diameter $\Phi 0.6 \pm 0.05$. Polarity is indicated with \oplus and \ominus symbols. The end view shows a circular cross-section with a 'Flat Rubber' seal and a 'Lead space' of 5.0 ± 0.5.</p> | | | |
| Recorder | (The first edition) : 2016-10-31 | | | |
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