

Capacitor, Aluminum, 270 uF, +/-20% Tol, -55/+105C, 6.3 VDC@105C



| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| D | 6.3 | +/-0.5 |
| L | 8 | +/-1 |
| S | 2.5 | +/-0.5 |
| LLPos | 19 | MIN |
| LLNeg | 15 | MIN |
| F | 0.5 | +/-0.5 |

| Packaging Specifications | |
|--------------------------|------|
| Package Kind: | Bulk |
| Package Type: | Bag |

| General Information | |
|------------------------|--------------------------------|
| Supplier: | KEMET |
| Application: | 105C Polymer |
| Part Type Description: | Single Ended, Polymer Aluminum |
| Lead Type: | Wire Leads |
| RoHS: | Yes |

| Specifications | |
|-------------------------|--|
| Capacitance: | 270 uF |
| Voltage: | 6.3 VDC |
| Tolerance: | +/-20% |
| Voltage: | 7.2 VDC (Surge) |
| Life: | 5000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit) |
| Rated Temperature: | 105C |
| Temperature Range: | -55/+105C |
| Leakage Current: | 255.15 uA |
| Leakage Condition: | uAmps (2min 20C) |
| Dissipation Factor: | 10% |
| Impedance Ratio -25C: | 1.25 |
| Impedance Ratio -55C: | 1.25 |
| Resistance/ESR: | 18 mOhms (100kHz 20C) |
| Current/Ripple Current: | 2900 mAmps (100kHz 105C) |

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