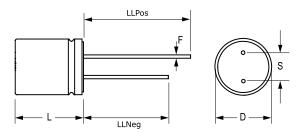
KEMET Part Number: A758EK157M1AAAE016



Capacitor, Aluminum, 150 uF, +/-20% Tol, -55/+105C, 10 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: | 150 uF | |
| Voltage: | 10 VDC | |
| Tolerance: | +/-20% | |
| Voltage: | 11.5 VDC (Surge) | |
| Life: | 5000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit) | |
| Rated Temperature: | 105C | |
| Temperature Range: | -55/+105C | |
| Leakage Current: | 225 uA | |
| Leakage Condition: | uAmps (2min 20C) | |
| Dissipation Factor: | 10% | |
| Impedance Ratio -25C: | 1.25 | |
| Impedance Ratio -55C: | 1.25 | |
| Resistance/ESR: | 16 mOhms (100kHz 20C) | |
| Current/Ripple Current: | 2500 mAmps (100kHz 105C) | |

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