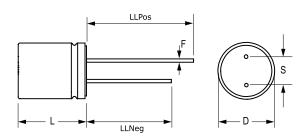
KEMET Part Number: A758KK827M0JAAE013



Capacitor, Aluminum, 820 uF, +/-20% Tol, -55/+105C, 6.3 VDC@105C



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

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| D | 8 | +/-0.5 |
| L | 8 | +/-1 |
| S | 3.5 | +/-0.5 |
| LLPos | 19 | MIN |
| LLNeg | 15 | MIN |
| F | 0.6 | +/-0.5 |

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

| Specifications | |
|-------------------------|--|
| Capacitance: | 820 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: | 774.9 uA |
| Leakage Condition: | uAmps (2min 20C) |
| Dissipation Factor: | 10% |
| Impedance Ratio -25C: | 1.25 |
| Impedance Ratio -55C: | 1.25 |
| Resistance/ESR: | 13 mOhms (100kHz 20C) |
| Current/Ripple Current: | 4900 mAmps (100kHz 105C) |

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