

A758, Polymer Aluminum, 105C LowZ, 820 uF, 20%, 2.5 VDC, -55/+105C, Lead Spacing = 3.5mm



| Dimensions | |
|-------------|----------------|
| D | 8mm +/-0.5mm |
| L | 8mm +/-1mm |
| S | 3.5mm +/-0.5mm |
| LL Negative | 15mm MIN |
| LL Positive | 19mm MIN |
| F | 0.6mm +/-0.5mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 500 |

| General Information | |
|---------------------|--------------------------------|
| Supplier: | KEMET |
| Series: | A758 |
| Dielectric: | Polymer Aluminum |
| Description: | Single Ended, Polymer Aluminum |
| RoHS: | Yes |
| Lead: | Wire Leads |

| Specifications | |
|--------------------------|--|
| Capacitance: | 820 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 2.5 VDC, 2.9 VDC (Surge) |
| Temperature Range: | -55/+105C |
| Rated Temperature: | 105C |
| Life: | 5000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit) |
| Dissipation Factor: | 10.00% 120Hz 20c |
| Resistance: | 15 mOhms (100kHz 20C) |
| Ripple Current: | 4100 mAmps (100kHz 105C) |
| Leakage Current: | 307.5 uA (2min 20C) |
| Impedance Ratio at -25C: | 1.25 |
| Impedance Ratio at -55C: | 1.25 |