

A758, Polymer Aluminum, 105C LowZ, 270 uF, 20%, 6.3 VDC, -55/+105C, Lead Spacing = 2.5mm



| Dimensions  |                |
|-------------|----------------|
| D           | 6.3mm +/-0.5mm |
| L           | 8mm +/-1mm     |
| S           | 2.5mm +/-0.5mm |
| LL Negative | 15mm MIN       |
| LL Positive | 19mm MIN       |
| F           | 0.5mm +/-0.5mm |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 1000      |

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

| Specifications           |  |
|--------------------------|--|
| Capacitance:             | 270 uF   |
| Capacitance Tolerance:   | 20%  |
| Voltage DC:              | 6.3 VDC, 7.2 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:              | 18 mOhms (100kHz 20C)  |
| Ripple Current:          | 2900 mAmps (100kHz 105C)   |
| Leakage Current:         | 255.15 uA (2min 20C)   |
| Impedance Ratio at -25C: | 1.25   |
| Impedance Ratio at -55C: | 1.25   |