

A758, Polymer Aluminum, 105C LowZ, 560 uF, 20%, 2.5 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:             | 560 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:              | 16 mOhms (100kHz 20C)  |
| Ripple Current:          | 3100 mAmps (100kHz 105C)   |
| Leakage Current:         | 210 uA (2min 20C)  |
| Impedance Ratio at -25C: | 1.25   |
| Impedance Ratio at -55C: | 1.25   |

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