

A758, Polymer Aluminum, 105C LowZ, 680 uF, 20%, 6.3 VDC, -55/+105C, Lead Spacing = 3.5mm



**Dimensions**

<b>D</b>	8mm +/-0.5mm
<b>L</b>	8mm +/-1mm
<b>S</b>	3.5mm +/-0.5mm
<b>LL Negative</b>	15mm MIN
<b>LL Positive</b>	19mm MIN
<b>F</b>	0.6mm +/-0.5mm

**Packaging Specifications**

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	500

**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	A758
<b>Dielectric:</b>	Polymer Aluminum
<b>Description:</b>	Single Ended, Polymer Aluminum
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads

**Specifications**

<b>Capacitance:</b>	680 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	6.3 VDC, 7.2 VDC (Surge)
<b>Temperature Range:</b>	-55/+105C
<b>Rated Temperature:</b>	105C
<b>Life:</b>	5000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit)
<b>Dissipation Factor:</b>	10.00% 120Hz 20c
<b>Resistance:</b>	14 mOhms (100kHz 20C)
<b>Ripple Current:</b>	4100 mAmps (100kHz 105C)
<b>Leakage Current:</b>	642.6 uA (2min 20C)
<b>Impedance Ratio at -25C:</b>	1.25
<b>Impedance Ratio at -55C:</b>	1.25