



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

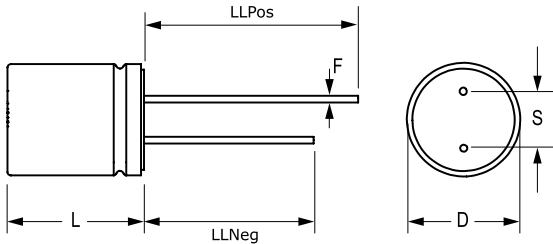
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A758, Polymer Aluminum, 105C LowZ, 560 uF, 20%, 2.5 VDC, -55/+105C, Lead Spacing = 2.5mm



**Dimensions**

<b>D</b>	6.3mm +/-0.5mm
<b>L</b>	8mm +/-1mm
<b>S</b>	2.5mm +/-0.5mm
<b>LL Negative</b>	15mm MIN
<b>LL Positive</b>	19mm MIN
<b>F</b>	0.5mm +/-0.5mm

**Packaging Specifications**

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	1000

**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>	560 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	2.5 VDC, 2.9 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>	16 mOhms (100kHz 20C)
<b>Ripple Current:</b>	3100 mAmps (100kHz 105C)
<b>Leakage Current:</b>	210 uA (2min 20C)
<b>Impedance Ratio at -25C:</b>	1.25
<b>Impedance Ratio at -55C:</b>	1.25

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