

A758, Polymer Aluminum, 105C LowZ, 1,000 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:	1,000 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:	4500 mAmps (100kHz 105C)
Leakage Current:	375 uA (2min 20C)
Impedance Ratio at -25C:	1.25
Impedance Ratio at -55C:	1.25