

A758, Polymer Aluminum, 105C LowZ, 180 uF, 20%, 10 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:	180 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC, 11.5 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:	2500 mAmps (100kHz 105C)
Leakage Current:	270 uA (2min 20C)
Impedance Ratio at -25C:	1.25
Impedance Ratio at -55C:	1.25

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