

A759, Polymer Aluminum, 125C LowZ, 47 uF, 20%, 80 VDC, -55/+125C, Lead Spacing = 3.5mm



Dimensions	
D	8mm +/-0.5mm
L	12mm +/-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:	250

General Information	
Supplier:	KEMET
Series:	A759
Dielectric:	Polymer Aluminum
Description:	Single Ended, Polymer Aluminum
RoHS:	Yes
Lead:	Wire Leads

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	80 VDC, 92 VDC (Surge)
Temperature Range:	-55/+125C
Rated Temperature:	125C
Life:	2000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit)
Dissipation Factor:	12% 120Hz 20C
Resistance:	45 mOhms (100kHz 20C)
Ripple Current:	2163 mAmps (100kHz 105C), 1250 mAmps (100kHz 125C)
Leakage Current:	564 uA (2min 20C)
Impedance Ratio at -25C:	1.25
Impedance Ratio at -55C:	1.25