

Capacitor, Aluminum, 82 uF, +/-20% Tol, -55/+125C, 63 VDC@125C



Dimensions (mm)		
Symbol	Dimension	Tolerance
D	10	+/-0.5
L	12	+/-1
S	5	+/-0.5
LLPos	19	MIN
LLNeg	15	MIN
F	0.6	+/-0.5

Packaging Specifications	
Package Kind:	Bulk
Package Type:	Bag

General Information	
Supplier:	KEMET
Application:	125C Polymer
Part Type Description:	Single Ended, Polymer Aluminum
Lead Type:	Wire Leads
RoHS:	Yes

Specifications	
Capacitance:	82 uF
Voltage:	63 VDC
Tolerance:	+/-20%
Voltage:	72.45 VDC (Surge)
Life:	2000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit)
Rated Temperature:	125C
Temperature Range:	-55/+125C
Leakage Current:	774.9 uA
Leakage Condition:	uAmps (2min 20C)
Dissipation Factor:	12%
Impedance Ratio -25C:	1.25
Impedance Ratio -55C:	1.25
Resistance/ESR:	50 mOhms (100kHz 20C)
Current/Ripple Current:	2.5 mAmps (100kHz 105C)
Current/Ripple Current:	1.38 mAmps (100kHz 125C)