

Capacitor, Aluminum, 1000 uF, +/-20% Tol, -55/+105C, 16 VDC@105C



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:	105C Polymer
Part Type Description:	Single Ended, Polymer Aluminum
Lead Type:	Wire Leads
RoHS:	Yes

Specifications

Capacitance:	1000 uF
Voltage:	16 VDC
Tolerance:	+/-20%
Voltage:	18.4 VDC (Surge)
Life:	5000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit)
Rated Temperature:	105C
Temperature Range:	-55/+105C
Leakage Current:	2.4 mA
Leakage Condition:	uAmps (2min 20C)
Dissipation Factor:	10%
Impedance Ratio -25C:	1.25
Impedance Ratio -55C:	1.25
Resistance/ESR:	12 mOhms (100kHz 20C)
Current/Ripple Current:	5250 mAmps (100kHz 105C)