

A759, Polymer Aluminum, 680 uF, 20%, 50 VDC, -55/+125°C, Lead Spacing = 5mm



#### Dimensions

D	13mm +/-0.5mm
L	20mm +/-2mm
S	5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	19mm MIN
F	0.6mm +/-0.5mm

#### Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	200

#### General Information

Supplier:	KEMET
Series:	A759
Dielectric:	Polymer Aluminum
Description:	Single Ended, Polymer Aluminum
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No

#### Specifications

Capacitance:	680 uF
Capacitance Tolerance:	20%
Voltage DC:	50 VDC, 57.5 VDC (Surge)
Temperature Range:	-55/+125°C
Rated Temperature:	125°C
Life:	2000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit)
Dissipation Factor:	12.00% 120Hz 20c
Resistance:	26 mOhms (100kHz 20C)
Ripple Current:	6520 mAmps (100kHz 105C), 3800 mAmps (100kHz 125C)
Leakage Current:	5100 uA (2min 20°C)
Impedance Ratio at -25C:	1.25
Impedance Ratio at -55C:	1.25