PRODUCTS

Aluminum Polymer Capacitors

AO-CAP A700 Series

The Capacitance Company
KEMET
CHARGED.®

Why Choose KEMET

KEMET applies world-class service and quality to deliver industry-leading, high performance capacitance solutions worldwide. With 95% of possible dielectric solutions, KEMET offers the world's most complete line of surface mount and through-hole capacitor technologies across tantalum, ceramic, film, aluminum and paper dielectrics. One world. One KEMET.

Features & Benefits

- Low ESR
- Non-ignition failure mode
- Surface mountable
- Solid counter-electrode (no dry out)
- Little capacitance loss at high frequencies
- No voltage derating
- 125°C capability
- Low DC leakage

Product Checklist

- Is your circuit switching frequency greater than 200 kHz?
- What is the circuit operating voltage?
- Are there any voltage spikes expected?
- Are there any environmental concerns such as temperature, moisture or vibration?
- Are there any physical space restrictions?

For more information, samples and engineering kits, please visit us at www.kemet.com or call 1.877.myKEMET.

Programs Supported

- Computer
- Consumer/Gaming
- Industrial/Lighting
- Medical
- Military/Aerospace
- Power Suppliers
- Telecom
- Transportation

Electrical/Physical Characteristics

	2V				2.5V			4V			6.3V			8V			10V			12.5V			16V		
Cap	D	X	V	W	D	X	V	D	X	V	D	X	V	D	X	V	D	X	V	D	X	V	D	X	V
106													55									40			45
126																									25
156																						40	25		40
226													28			28			28			30	25		
336													18			18			18	25					
476													18						28	25					
566													18	15			15								
686										20			18	15			15								
826							18			18			18												
107			18	9							15		15		10			10			15				
127			18				18	15			12							10							
157			9		15			15	10		10	10						10							
187	15				15			15	10			10													
227	9		7			10		9	10																
277		10							10																
337	7	10	6			10																			
397		10																							
477		10 7																							
567																									
687																									

ESR (mOhms)	ESR (mOhms)
Present Capability	Under Development