EKELTRON

KELTRON COMPONENT COMPLEX LTD.

ISO 9001-2015 Certified Company

TECHNICAL DATA SHEET

Rating : 70F/2.7V Series : GA

Size : Dia : Φ 25mm \pm 1mm

: Length : $35mm \pm 2mm$

Capacitance : 70F -20% to +30%

Rated voltage : 2.7VDC

Leakage Current@72hrs : 0.25µA max.

ESR max. @DC : $15 \text{ m}\Omega$

Temp category : -40° C to $+55^{\circ}$ C

Keltron part number : GA700CQBCLBG

Endurance category : $+55^{\circ}$ C /1000Hrs

A. LIFE TEST SUMMARY

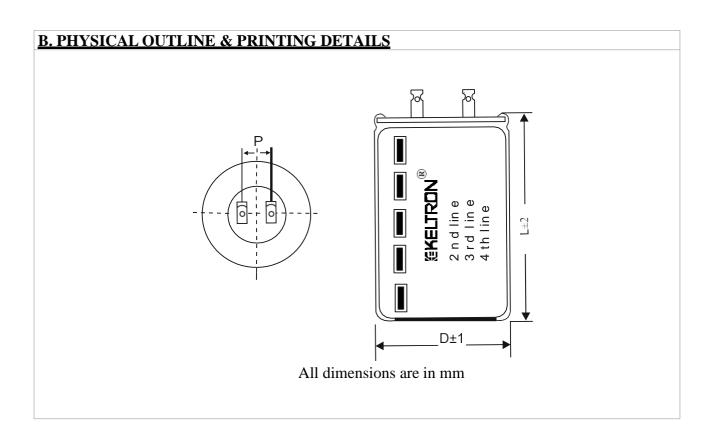
Tests	Life cycle	High temperature	Storage temperature	Vibration resistance	Humidity
		load life	characteristics		
Test	Capacitors are	Temperature:	Storage	Amplitude	Voltage: Rated
condition	cycled between	+55°C	duration	:1.5mm	voltage
	rated voltage and	Voltage: Rated	:2years	Frequency:	RH: 90%
	half rated voltage	voltage	No load	10-55Hz	Temperature:
	under constant	Test duration:	temperature:	Direction:	+50°C
	current at +30°C	1000hrs	+35°C	x,y,z for 2	Test duration:
	for 300000			hrs each	1000hrs
Parameters	cycles				
Capacitance	\leq 30% of initial	\leq 30% of initial	\leq 30% of	\leq 30% of	\leq 30% of initial
	measured value	measured value	initial	initial	measured value
			measured	measured	
			value	value	
ESR	\leq 200% of initial	\leq 200% of	\leq 200% of	\leq 200% of	\leq 200% of initial
	measured value	initial	initial	initial	measured value
		measured value	measured	measured	
			value	value	
Appearance	No remarkable	No remarkable	No remarkable	No	No remarkable
	defects	defects	defects	remarkable	defects
				defects	

As a part of continuous development, Design and Specifications are subject to change without notice

@KELTRON

KELTRON COMPONENT COMPLEX LTD.

ISO 9001-2015 Certified Company



1 st line: KELTRON	3 rd line : 70F GA	Dia D : 25mm	Pitch P: 10mm
2 nd line : SUPERCAP	4 th line: 2.7VDC XX*	Height L: 35mm	

* XX indicates date code

As a part of continuous development, Design and Specifications are subject to change without notice