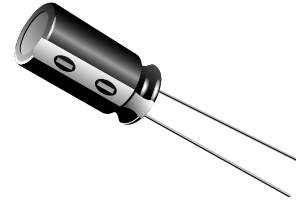


Electric Double Layer Capacitors (Gold Capacitor)

Series: AL



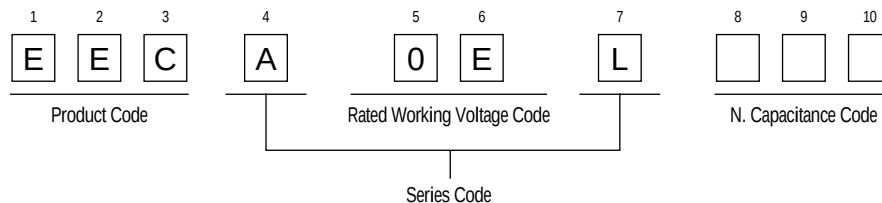
■ Features

- Low internal resistance, 1/10 of series NA
- For backup on ampere order

■ Recommended Applications

- Computer (memory backup of HDD or FDD motor drive computer)
- For ignition of gas equipment (gas motor heaters, ovens, range gas cookers)
- Toys (quick charge motor drives)

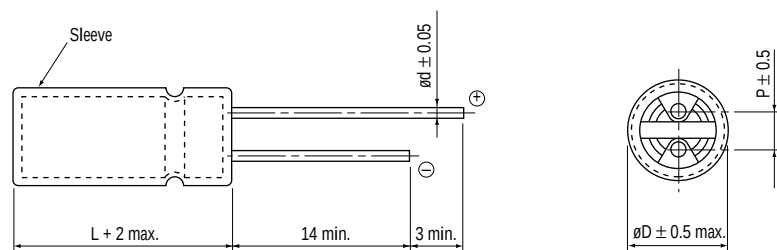
■ Explanation of Part Numbers



■ Specifications

Operating temperature range	-25 to +70°C	
Rated working voltage	2.5 V DC	
Nominal capacitance range	0.33 to 10 F	
Capacitance tolerance	+80/-20% (+20°C)	
Characteristics at low temperature	Capacitance change	±30% of initial measured value at +20°C (-25 to +70°C)
	Internal resistance	≤ 4 times of initial measured value at +20°C (at -25°C)
Endurance	After 1,000 hours application of 2.5 V DC at +70°C, the capacitor shall meet the following limits:	
	Capacitance change	±30% of initial measured value
	Internal resistance	≤ 2 times of initial specified value
Shelf life	After 1,000 hours storage at +70°C without load, the capacitor shall meet the specified limits for "Endurance."	
Moisture resistance	After 500 hours storage at +55°C, 90 to 95% R.H., the capacitor shall meet the specified limits for "Endurance."	

■ Dimensions in mm (not to scale)



■ Standard Products

Rated Working Voltage (V DC)	Capacitance (μ F)	Part Number	Internal Resistance (Ω) at 1 kHz	Size			
				ϕD	L	ϕd	P
2.5	0.33	EECA0EL334	≤ 1.60	6.8	21.0	0.7	2.5
	1.0	EECA0EL105	≤ 1.00	8.0	22.0	0.7	3.5
	3.3	EECA0EL335	≤ 0.30	12.5	23.0	0.8	5.0
	4.7	EECA0EL475	≤ 0.20	12.5	35.0	0.8	5.0
	10.0	EECA0EL106	≤ 0.10	18.0	35.0	0.8	7.5