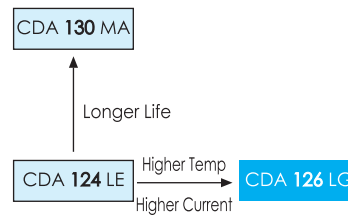


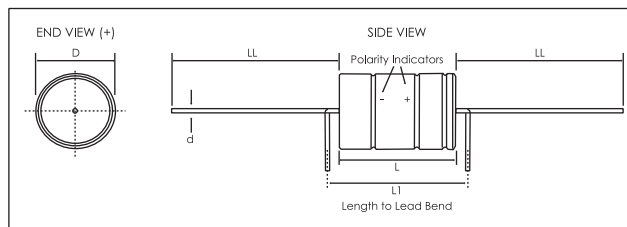
- 2000 hours at +150°C
- Low ESR
- High ripple current capability
- High vibration stability
- AEC-Q200 automotive qualified, RoHS Compliant



Items	Characteristics		
Operating Temperature Range (°C)	-40 ~ +150		
Voltage Range (V)	25 ~ 63		
Capacitance Range (μF)	250 ~ 4000		
Capacitance Tolerance (20°C,100Hz)	-10/+30%, ( ± 20% select values)		
Leakage Current (μA)	After 5 minutes at 20°C application of rated voltage, leakage current is not more than 0.003CV+4.0 . C: Nominal Capacitance(μF) V: Rated Voltage(V)		
Equivalent Series Resistance (20°C, 100Hz/100kHz)	Less than values shown in the standard ratings.		
Load Life	Ripple Current: Maximum ripple current specified in the standard ratings. Voltage: The sum of DC voltage and the peak AC voltage must not exceed the rated voltage of capacitor.		
	D(mm)	+125°C Life Time (hours)	+150°C Life Time (hours)
	16	6300	1500
	20	8400	2000
Capacitance Change: Within 15% of the initial value. Equivalent Series Resistance: Not more than 200% of the initial value. Leakage Current: Not more than the initial specified value. (All specifications should be test at +20°C Life ambient temperature. )			
Shelf Life	5000 hours at +105°C or 10 years at +40°C 0 VDC		
Vibration Test	Procedure: Displacement amplitude max.1.5mm, acceleration max.20 g, duration 3×2h, frequency range 10 ~ 2000 Hz (capacitor clamped by body). Requirements: No leakage of electrolyte or other visible damage. Deviations in capacitance from initial value must not exceed ΔC/C < 5%.		
Standards	IEC 60384-4, AEC-Q200		

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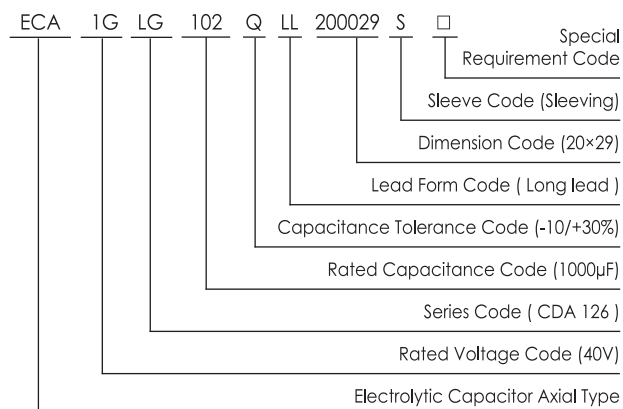
## Dimensions mm



Dimension Code	D	L	L1	d	LL	Approximate Weight (g)
	±0.5	±1.0	Min.	±0.03	-2/+3	
160029	16	29.0	35.0	1.0	42	8
160037	16	37.0	43.0	1.0	42	11
200029	20	29.0	35.0	1.0	42	13
200037	20	37.0	43.0	1.0	42	20
200046	20	46.0	52.0	1.0	42	24

Note: L1 is Jianghai's recommendation for minimum distance between symmetrical lead bend.

## Part Number System (Ex:40V1000μF)



## Ripple Current Coefficient

Frequency (Hz)	300	1K	5K	100K
Coefficient	0.57	0.80	1.00	1.04

## Ratings for CDA 126 Series

U <sub>r</sub> Code	Rated Capacitance	Max ESR		Max Ripple Current				ESL	Size ΦD x L	P/N
		20°C, 100Hz	20°C, 100kHz	125°C, 100Hz	105°C, ≥5kHz	125°C, ≥5kHz	150°C, ≥5kHz			
(V)	(μF)	(mΩ)	(mΩ)	(Arms)	(Arms)	(Arms)	(Arms)	(nH)	(mm)	-
25 (1E)	680	120	43	1.4	6.9	4.1	1.6	10	16x29	ECA1ELG681Q □□160029
	1000	80	28	1.7	8.8	5.2	2.0	12	16x37	ECA1ELG102Q □□160037
	1500	63	26	2.1	9.2	5.4	2.1	12	16x37	ECA1ELG152Q □□160037
	2200	51	25	2.5	9.4	5.5	2.1	12	20x29	ECA1ELG222Q □□200029
	3300	34	17	3.2	11.7	6.9	2.6	15	20x37	ECA1ELG332Q □□200037
4000	29	14	3.7	13.1	7.7	2.9	17	20x46	ECA1ELG402M □□200046	
40 (1G)	470	150	45	1.1	5.9	3.5	1.3	10	16x29	ECA1GLG471Q □□160029
	600	120	30	1.4	8.3	4.9	1.9	12	16x37	ECA1GLG601Q □□160037
	1000	75	23	1.9	9.4	5.5	2.1	12	20x29	ECA1GLG102Q □□200029
	1500	58	22	2.2	9.7	5.7	2.2	12	20x29	ECA1GLG152Q □□200029
	2200	43	18	2.8	11.4	6.7	2.6	15	20x37	ECA1GLG222Q □□200037
	2700	37	17	3.1	12.1	7.1	2.7	17	20x46	ECA1GLG272Q □□200046
63 (1J)	250	240	53	0.9	5.3	3.1	1.2	10	16x29	ECA1JLG251Q □□160029
	370	160	37	1.2	6.7	3.9	1.5	12	16x37	ECA1JLG371Q □□160037
	470	130	32	1.4	7.3	4.3	1.6	12	20x29	ECA1JLG471Q □□200029
	680	90	23	1.7	9.0	5.3	2.0	15	20x37	ECA1JLG681Q □□200037
	900	69	18	2.1	10.5	6.1	2.3	17	20x46	ECA1JLG901Q □□200046

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