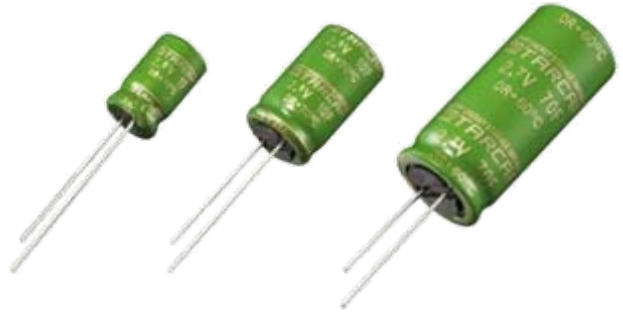


## ● Features

- Small size but large capacity
- Low ESR
- Pb Free and RoHS Compliant

## ● Application

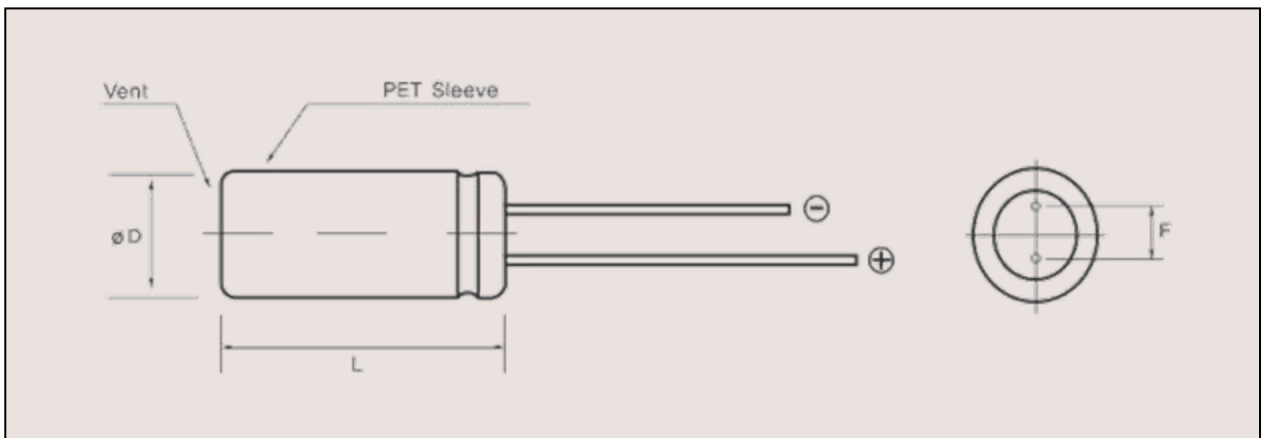
- Solar voltaic applications  
(e.g. Traffic sign "LED type". Road guidance flasher)
- Motor drive through quick discharge  
(e.g. Toy car & plane)
- Emergency power supply for car DVR or blackbox



## ● Specifications

Items	Characteristics		
Rated working voltage	2.3 VDC	2.5 VDC	2.7 VDC
Operating temperature	-10 to +60 °C	-25 to +70 °C	-40 to +60 °C
Nominal Cap. Range	20 to 120F	1 to 70F	
Capacitance tolerance	-20% to +40%(at 25°C)		
Endurance	After 1,000 hours Application of rated DC working voltage at +60/70 °C, the capacitor shall meet the following limits. <ul style="list-style-type: none"> <li>• Capacitance change : <math>\pm 30\%</math> of initial measured value</li> <li>• Internal resistance : <math>\leq 200\%</math> of spec. value</li> </ul>		
Shelf life	After 1,000hours storage at +60/+70 °C without load, the capacitor shall meet the specified limit for "Endurance"		

## ● Shape of Standard Product



● Standard Products and Dimensions (not to scale)

Part number	Operating voltage (V)	Capacitance (F)	ESR ( $\Omega$ , @1kHz)	$\Phi$ D xL(mm)	F (mm)
DR 2R3 206	2.3	20	$\leq 0.050$	$\Phi$ 10x25	5.5
DR 2R3 306		30	$\leq 0.035$	$\Phi$ 12.5x25	5.5
DR 2R3 506		50	$\leq 0.025$	$\Phi$ 16x25	8.0
DR 2R3 706		70	$\leq 0.022$	$\Phi$ 16x35	8.0
DR 2R3 127		120	$\leq 0.020$	$\Phi$ 18x40	8.0
DR 2R5 105	2.5	1	$\leq 0.300$	$\Phi$ 8x13	4.0
DR 2R5 305		3	$\leq 0.150$	$\Phi$ 8x20	4.0
DR 2R5 335		3.3	$\leq 0.150$	$\Phi$ 8x20	4.0
DR 2R5 505		5	$\leq 0.120$	$\Phi$ 8x25	4.0
DR 2R5 705		7	$\leq 0.100$	$\Phi$ 10x20	5.5
DR 2R5 106		10	$\leq 0.070$	$\Phi$ 10x25	5.5
DR 2R5 106S		10	$\leq 0.070$	$\Phi$ 12.5x20	5.5
DR 2R5 156		15	$\leq 0.050$	$\Phi$ 12.5x25	5.5
DR 2R5 256		25	$\leq 0.030$	$\Phi$ 16x25	8.0
DR 2R5 356		35	$\leq 0.025$	$\Phi$ 16x35	8.0
DR 2R5 706		70	$\leq 0.020$	$\Phi$ 18x40	8.0
DR 2R7 105		2.7	1	$\leq 0.200$	$\Phi$ 8x13
DR 2R7 305	3		$\leq 0.075$	$\Phi$ 8x20	4.0
DR 2R7 335	3.3		$\leq 0.075$	$\Phi$ 8x20	4.0
DR 2R7 505	5		$\leq 0.060$	$\Phi$ 8x25	4.0
DR 2R7 705	7		$\leq 0.050$	$\Phi$ 10x20	5.5
DR 2R7 106	10		$\leq 0.035$	$\Phi$ 10x25	5.5
DR 2R7 106S	10		$\leq 0.035$	$\Phi$ 12.5x20	5.5
DR 2R7 156	15		$\leq 0.030$	$\Phi$ 12.5x25	5.5
DR 2R7 256	25		$\leq 0.020$	$\Phi$ 16x25	8.0
DR 2R7 356	35		$\leq 0.018$	$\Phi$ 16x35	8.0
DR 2R7 706	70		$\leq 0.016$	$\Phi$ 18x40	8.0

Note : It is not allowed to go through reflow (IR, Atmosphere heating methods etc.) process