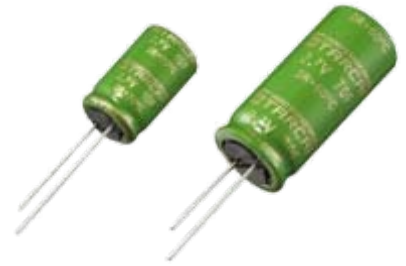


● Features

- Extremely low leakage current
- Extremely low ESR
- High pulse power

● Application

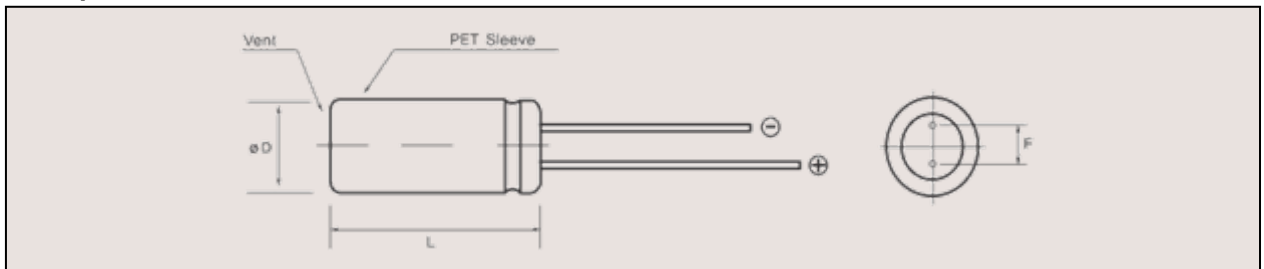
- More than 100mA from milli-sec to several-min
- Motor start Power applications, Peak power with battery
- POS system, Handy terminal, Bar-cord scanner, GPS/GPRS Wireless modem



● Specification

Items	Characteristics	
Rated working voltage	2.5VDC	2.7VDC
Operating temperature	-25to+70℃	-40to +60℃
Nominal Cap. range	1.5F to 30F	
Capacitance tolerance	-20% to +40%(at25℃)	
Endurance	Capacitance change : ±30% of initial measured value Internal resistance : ≤400% of initial specified value (After 1,000 hours Application of rated DC working voltage at +60/+70℃, the capacitor shall meet the following limits.)	
Shelf life	After 1,000hours storage at +60/+70℃ without load, the capacitor shall meet specified limit for "Endurance"	

● Shape of Standard Product



● Standard products

Part Number	Operating Voltage (V)	Capacitance (F)	ESR (Ω, @1KHZ)	ΦD xL (mm)	F (mm)
HP 2R5 155	2.5	1.5	≤ 0.125	Φ 8x20	4.0
HP 2R5 205		2	≤ 0.110	Φ 8x25	4.0
HP 2R5 305		3	≤ 0.090	Φ 10x20	5.5
HP 2R5 405		4	≤ 0.080	Φ 10x25	5.5
HP 2R5 555		5.5	≤ 0.050	Φ 12.5x20	5.5
HP 2R5 805		8	≤ 0.035	Φ 12.5x25	5.5
HP 2R5 156		15	≤ 0.025	Φ 16x25	8.0
HP 2R5 206		20	≤ 0.020	Φ 16x35	8.0
HP 2R5 306		30	≤ 0.015	Φ 18x40	8.0
HP 2R7 155		2.7	1.5	≤ 0.050	Φ 8x20
HP 2R7 205	2		≤ 0.045	Φ 8x25	4.0
HP 2R7 305	3		≤ 0.040	Φ 10x20	5.5
HP 2R7 405	4		≤ 0.030	Φ 10x25	5.5
HP 2R7 555	5.5		≤ 0.028	Φ 12.5x20	5.5
HP 2R7 805	8		≤ 0.024	Φ 12.5x25	5.5
HP 2R7 156	15		≤ 0.020	Φ 16x25	8.0
HP 2R7 206	20		≤ 0.018	Φ 16x35	8.0
HP 2R7 306	30		≤ 0.015	Φ 18x40	8.0

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