

New

SRML5R5124

ENERGY STORAGE INNOVATOR
STARCAP

| Features |

- Operating voltage : 5.5V
- Wide temp. range: -40°C~70°C
- Pb Free and RoHS Compliant

| Applications |

- High power up to 1.0A
- Handy terminal, Bar-cord banner, GPS, POS Device, Car Audio
- Gas & Water meter, Container Tracking System, Animal Tracking System

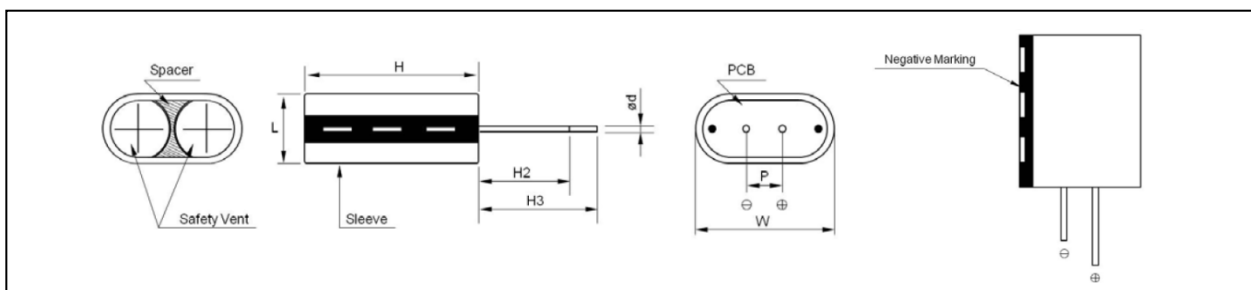


| Specifications |

Items	Characteristics
Rated working voltage	5.5 VDC
Operating temperature	-40 to +70°C
Nominal Cap. range	0.12F
Capacitance tolerance	-20% to +80%(at 25°C)
Endurance	After 1,000 hours Application of rated DC working voltage at +70°C, the capacitor shall meet the following limits. <ul style="list-style-type: none"> • Capacitance change : ≤30% of initial value • Internal resistance change : ≤4 times of initial value
Projected Cycle Life*	100,000 Cycles
	1 Cycle : Charge-Discharge between V_{rated} and $1/2V_{rated}$ <ul style="list-style-type: none"> • Capacitance change : ≤30% of initial value • Internal resistance change : ≤4 times of initial value
Shelf life	1 Years (Storage in Operating temp. range above for each products without electrical load) <ul style="list-style-type: none"> • Capacitance change : ≤30% of initial value • Internal resistance change : ≤4 times of initial value

* Cycle life varies according to the condition of application i.e. charge-discharge condition including current, temperature, voltage range and etc.

| Shape of Standard Product |



| Standard Products and Dimensions (not to scale) |

Part number	Operating Voltage(V)	Operating temperature	Capacitance (F)	ESR (Ω, @1kHz)	W x L x H (mm)	F (mm)
SRML5R5124	5.5	-40 ~ 70°C	0.12	≤ 1.0	12.0 X 5.0 X 12.5	5.0

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