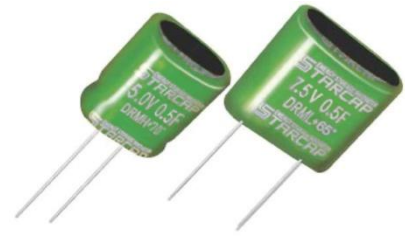


Features

- Operating voltage : 5.0V, 7.5V
- 60/70°C 1,000h, · Pb Free and RoHS Compliant



Applications

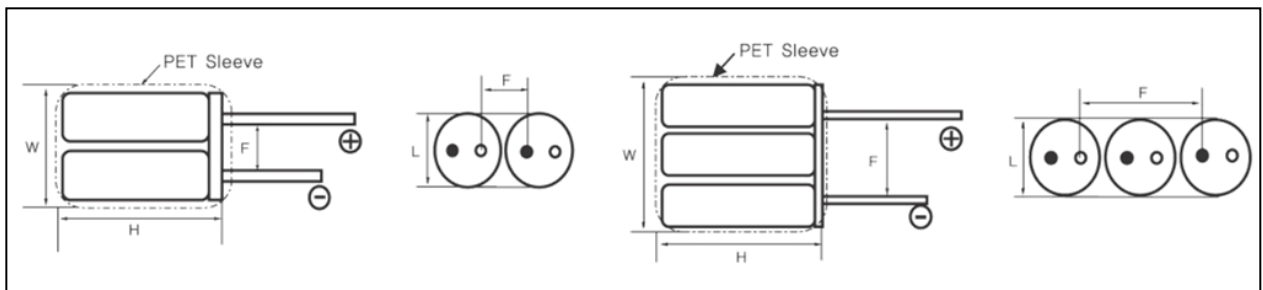
- Less than 100mA from sec to hours
- Tax controller, Handy terminal, Bar-cord banner, GPS,
- Gas & Water meter, Digital camera, Container Tracking System

Specifications

Items	Characteristics			
Rated working voltage	5.0 VDC		7.5 VDC	
Operating temperature	-25 to +70°C	-40 to +65°C	-25 to +70°C	-40 to +65°C
Nominal Cap. range	0.5F to 7.5F		0.5F to 5.0F	
Capacitance tolerance	-20% to +40%(at 25°C)			
Endurance	After 1,000 hours Application of rated DC working voltage at +65/70°C, the capacitor shall meet the following limits. <ul style="list-style-type: none"> • Capacitance change : ≤30% of initial value • Internal resistance change : ≤100% of spec. value 			
Projected Cycle Life*	500,000 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 : ≤100% of spec. value 			
Shelf life	2 Years (Storage in Operating temp. range above for each products without electrical load) <ul style="list-style-type: none"> • Capacitance change : ≤10% of initial value • Internal resistance change : ≤50% 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)	
DRMH 5R0 504	5.0V	-25 ~ 70°C	0.5	≤ 0.600	16.5 X 8.0 X 14.0	5.2/12.5	
DRMH 5R0 155			1.5	≤ 0.300	16.5 X 8.0 X 21.0	5.2/12.5	
DRMH 5R0 255			2.5	≤ 0.240	16.5 X 8.0 X 26.0	5.2/12.5	
DRMH 5R0 255S			2.5	≤ 0.240	20.5 X 10.0 X 21.0	5.3	
DRMH 5R0 355			3.5	≤ 0.200	20.5 X 10.0 X 21.0	5.3	
DRMH 5R0 505			5.0	≤ 0.150	20.5 X 10.0 X 26.0	5.3	
DRMH 5R0 505			5.0	≤ 0.150	25.5 X 12.5 X 21.0	7.0	
DRMH 5R0 755			7.5	≤ 0.110	25.5 X 12.5 X 26.0	7.0	
DRML 5R0 504			-40 ~ 65°C	0.5	≤ 0.400	16.5 X 8.0 X 14.0	5.2/12.5
DRML 5R0 155		1.5		≤ 0.150	16.5 X 8.0 X 21.0	5.2/12.5	
DRML 5R0 255		2.5		≤ 0.120	16.5 X 8.0 X 26.0	5.2/12.5	
DRML 5R0 255S		2.5		≤ 0.120	20.5 X 10.0 X 21.0	5.3	
DRML 5R0 355		3.5		≤ 0.100	20.5 X 10.0 X 21.0	5.3	
DRML 5R0 505		5.0		≤ 0.080	20.5 X 10.0 X 26.0	5.3	
DRML 5R0 505		5.0		≤ 0.070	25.5 X 12.5 X 21.0	7.0	
DRML 5R0 755		7.5		≤ 0.060	25.5 X 12.5 X 26.0	7.0	
DRMH 7R5 504		7.5V		-25 ~ 70°C	0.5	≤ 0.900	25.0 X 8.0 X 14.0
DRMH 7R5 105			1.0		≤ 0.450	25.0 X 8.0 X 21.0	14.0
DRMH 7R5 155	1.5		≤ 0.360		25.0 X 8.0 X 26.0	14.0	
DRMH 7R5 155S	1.5		≤ 0.360		31.0 X 10.0 X 21.0	17.0	
DRMH 7R5 205	2.0		≤ 0.300		31.0 X 10.0 X 21.0	17.0	
DRMH 7R5 305	3.0		≤ 0.250		31.0 X 10.0 X 26.0	17.0	
DRMH 7R5 305	3.0		≤ 0.250		38.5 X 12.5 X 21.0	20.5	
DRMH 7R5 505	5.0		≤ 0.150		38.5 X 12.5 X 26.0	20.5	
DRML 7R5 504	-40 ~ 65°C		0.5		≤ 0.600	25.0 X 8.0 X 14.0	14.0
DRML 7R5 105			1.0	≤ 0.225	25.0 X 8.0 X 21.0	14.0	
DRML 7R5 155			1.5	≤ 0.180	25.0 X 8.0 X 26.0	14.0	
DRML 7R5 155S			1.5	≤ 0.180	31.0 X 10.0 X 21.0	17.0	
DRML 7R5 205			2.0	≤ 0.150	31.0 X 10.0 X 21.0	17.0	
DRML 7R5 305			3.0	≤ 0.100	31.0 X 10.0 X 26.0	17.0	
DRML 7R5 305			3.0	≤ 0.100	38.5 X 12.5 X 21.0	20.5	
DRML 7R5 505			5.0	≤ 0.090	38.5 X 12.5 X 26.0	20.5	

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