

## Features

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



## Applications

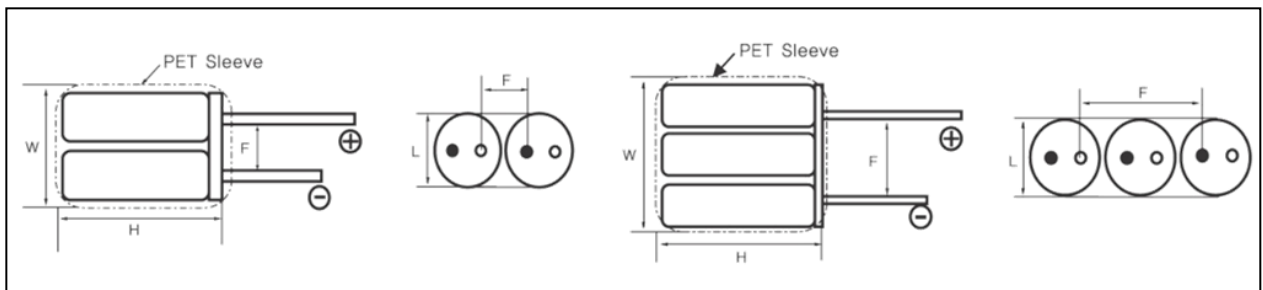
- Less than 100mA from sec to hours
- Tax controller, Handy terminal, Bar-cord banner, GPS,
- Gas & Water meter, Digital camera, Container Tracking System

## 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		0.33F 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"> <li>• Capacitance change : ≤30% of initial value</li> <li>• Internal resistance change : ≤100% of spec. value</li> </ul>			
Projected Cycle Life*	500,000 Cycles			
	1 Cycle : Charge-Discharge between $V_{rated}$ and $1/2V_{rated}$ <ul style="list-style-type: none"> <li>• Capacitance change : ≤30% of initial value</li> <li>• Internal resistance change : ≤100% of spec. value</li> </ul>			
Shelf life	2 Years (Storage in Operating temp. range above for each products without electrical load) <ul style="list-style-type: none"> <li>• Capacitance change : ≤10% of initial value</li> <li>• Internal resistance change : ≤50% of initial value</li> </ul>			

\* 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 ( $\Omega$ , @1kHz)	W x L x H (mm)	F (mm)	
DRMH 5R0 504	5.0V	-25 ~ 70°C	0.5	$\leq 0.600$	16.5 X 8.0 X 14.0	5.0/12.0	
DRMH 5R0 155			1.5	$\leq 0.300$	16.5 X 8.0 X 21.0	5.0/12.0	
DRMH 5R0 255R			2.5	$\leq 0.240$	16.5 X 8.0 X 26.0	5.3/12.3	
DRMH 5R0 255S			2.5	$\leq 0.240$	20.5 X 10.0 X 21.0	5.3/15.3	
DRMH 5R0 355L			3.5	$\leq 0.200$	16.5 X 8.0 X 31.0	5.0/12.0	
DRMH 5R0 355R			3.5	$\leq 0.200$	20.5 X 10.0 X 21.0	5.3/15.3	
DRMH 5R0 355D			3.5	$\leq 0.200$	20.5 X 10.0 X 26.0	5.3/15.3	
DRMH 5R0 505R			5.0	$\leq 0.150$	20.5 X 10.0 X 26.0	5.3/15.3	
DRMH 5R0 505RX			5.0	$\leq 0.150$	20.5 X 10.0 X 31.0	5.3/15.3	
DRMH 5R0 505S			5.0	$\leq 0.150$	25.5 X 12.5 X 21.0	7.8/17.8	
DRMH 5R0 755			7.5	$\leq 0.110$	25.5 X 12.5 X 26.0	7.8/17.8	
DRML 5R0 504			-40 ~ 65°C	0.5	$\leq 0.600$	16.5 X 8.0 X 14.0	5.0/12.0
DRML 5R0 155		1.5		$\leq 0.300$	16.5 X 8.0 X 21.0	5.0/12.0	
DRML 5R0 255R		2.5		$\leq 0.240$	16.5 X 8.0 X 26.0	5.0/12.0	
DRML 5R0 255S		2.5		$\leq 0.240$	20.5 X 10.0 X 21.0	5.3/15.3	
DRML 5R0 355L		3.5		$\leq 0.200$	16.5 X 8.0 X 31.0	5.0/12.0	
DRML 5R0 355R		3.5		$\leq 0.200$	20.5 X 10.0 X 21.0	5.3/15.3	
DRML 5R0 355D		3.5		$\leq 0.200$	20.5 X 10.0 X 26.0	5.3/15.3	
DRML 5R0 505R		5.0		$\leq 0.150$	20.5 X 10.0 X 26.0	5.3/15.3	
DRML 5R0 505RX		5.0		$\leq 0.150$	20.5 X 10.0 X 31.0	5.3/15.3	
DRML 5R0 505S		5.0		$\leq 0.150$	25.5 X 12.5 X 21.0	7.8/17.8	
DRML 5R0 755		7.5		$\leq 0.110$	25.5 X 12.5 X 26.0	7.8/17.8	
DRMH 7R5 334		7.5V		-25 ~ 70°C	0.33	$\leq 0.900$	25.0 X 8.0 X 14.0
DRMH 7R5 105			1.0		$\leq 0.450$	25.0 X 8.0 X 21.0	13.5
DRMH 7R5 155R	1.5		$\leq 0.360$		25.0 X 8.0 X 26.0	13.5	
DRMH 7R5 155S	1.5		$\leq 0.360$		31.0 X 10.0 X 21.0	15.6	
DRMH 7R5 205R	2.0		$\leq 0.300$		31.0 X 10.0 X 21.0	15.6	
DRMH 7R5 205D	2.0		$\leq 0.300$		31.0 X 10.0 X 26.0	15.6	
DRMH 7R5 305R	3.0		$\leq 0.250$		31.0 X 10.0 X 26.0	15.6	
DRMH 7R5 305RX	3.0		$\leq 0.250$		31.0 X 10.0 X 31.0	15.6	
DRMH 7R5 305S	3.0		$\leq 0.250$		38.5 X 12.5 X 21.0	20.6	
DRMH 7R5 505	5.0		$\leq 0.150$		38.5 X 12.5 X 26.0	20.6	
DRML 7R5 334	-40 ~ 65°C		0.33		$\leq 0.900$	25.0 X 8.0 X 14.0	13.5
DRML 7R5 105			1.0		$\leq 0.450$	25.0 X 8.0 X 21.0	13.5
DRML 7R5 155R			1.5	$\leq 0.360$	25.0 X 8.0 X 26.0	13.5	
DRML 7R5 155S			1.5	$\leq 0.360$	31.0 X 10.0 X 21.0	15.6	
DRML 7R5 205R			2.0	$\leq 0.300$	31.0 X 10.0 X 21.0	15.6	
DRML 7R5 205D			2.0	$\leq 0.300$	31.0 X 10.0 X 26.0	15.6	
DRML 7R5 305R			3.0	$\leq 0.250$	31.0 X 10.0 X 26.0	15.6	
DRML 7R5 305RX			3.0	$\leq 0.250$	31.0 X 10.0 X 31.0	15.6	
DRML 7R5 305S			3.0	$\leq 0.250$	38.5 X 12.5 X 21.0	20.6	
DRML 7R5 505			5.0	$\leq 0.150$	38.5 X 12.5 X 26.0	20.6	

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