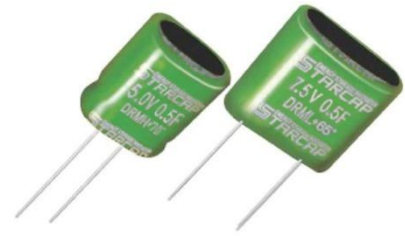


Features

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



Applications

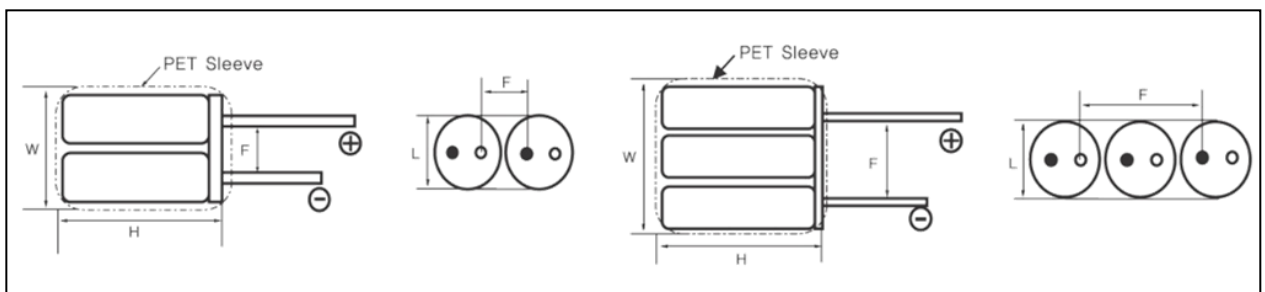
- Less than 100mA from sec to hours
- Tax controller, Handy terminal, Bar-cord banner, GPS,
- Gas & Water meter, Digital camera, Container Tracking System

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

单击下面可查看定价，库存，交付和生命周期等信息

[>>Korchip\(高奇普\)](#)