

● Features

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

● Applications

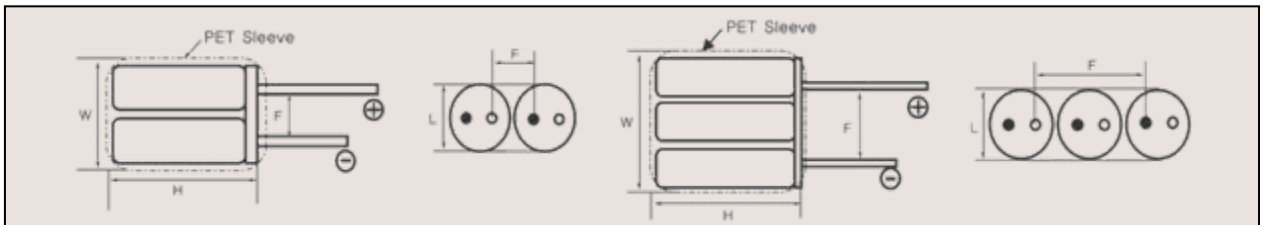
- More than 100mA from milli-sec to several-min
- Bar-cord scanner, GPS/GPRS Wireless modem
- Digital camera, Container Tracking System,



● Specifications

Items	Characteristics			
Rated working voltage	5.0 VDC		7.5 VDC	
Operating temperature	-25 to +70°C	-40 to +60°C	-25 to +70°C	-40 to +60°C
Nominal Cap. range	0.5F to 4.0F		0.5F to 2.5F	
Capacitance tolerance	-20% to +40%(at 25°C)			
Endurance	After 1,000 hours Application of rated DC working voltage at +60/70°C, the capacitor shall meet the following limits. <ul style="list-style-type: none"> • Capacitance change : ±30% of initial measured value • Internal resistance : ≤200% of spec. value 			
Shelf life	After 1,000hours storage at +60/+70°C without load, the capacitor shall meet the specified limit for "Endurance"			

● Shape of Standard Product



● Standard products

Part Number	Operating Voltage (V)	Operating Temperature	Capacitance (F)	ESR (Ω, @1kHz)	W x L x H (mm)	F (mm)	
HPMH 5R0 504	5.0V	-25 ~ 70°C	0.5	≤ 0.250	16.5 X 8.0 X 21.0	5.2/12.5	
HPMH 5R0 105			1.0	≤ 0.220	16.5 X 8.0 X 26.0	5.2/12.5	
HPMH 5R0 155			1.5	≤ 0.180	20.5 X 10.0 X 21.0	5.3	
HPMH 5R0 205			2.0	≤ 0.150	20.5 X 10.0 X 26.0	5.3	
HPMH 5R0 255			2.5	≤ 0.100	25.5 X 12.5 X 21.0	7.0	
HPMH 5R0 405			4.0	≤ 0.070	25.5 X 12.5 X 26.0	7.0	
HPML 5R0 504		5.0V	-40 ~ 60°C	0.5	≤ 0.100	16.5 X 8.0 X 21.0	5.2/12.5
HPML 5R0 105				1.0	≤ 0.090	16.5 X 8.0 X 26.0	5.2/12.5
HPML 5R0 155				1.5	≤ 0.070	20.5 X 10.0 X 21.0	5.3
HPML 5R0 205				2.0	≤ 0.060	20.5 X 10.0 X 26.0	5.3
HPML 5R0 255				2.5	≤ 0.058	25.5 X 12.5 X 21.0	7.0
HPML 5R0 405				4.0	≤ 0.048	25.5 X 12.5 X 26.0	7.0
HPMH 7R5 504	7.5V		-25 ~ 70°C	0.5	≤ 0.380	25.0 X 8.0 X 21.0	14.0
HPMH 7R5 754				0.75	≤ 0.350	25.0 X 8.0 X 26.0	14.0
HPMH 7R5 105				1.0	≤ 0.280	31.0 X 10.0 X 21.0	17.0
HPMH 7R5 155				1.5	≤ 0.160	38.5 X 12.5 X 21.0	20.5
HPMH 7R5 255				2.5	≤ 0.110	38.5 X 12.5 X 26.0	20.5
HPML 7R5 504				-40 ~ 60°C	0.5	≤ 0.150	25.0 X 8.0 X 21.0
HPML 7R5 754		0.75	≤ 0.140		25.0 X 8.0 X 26.0	14.0	
HPML 7R5 105		1.0	≤ 0.125		31.0 X 10.0 X 21.0	17.0	
HPML 7R5 155		1.5	≤ 0.085		38.5 X 12.5 X 21.0	20.5	
HPML 7R5 255		2.5	≤ 0.075		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