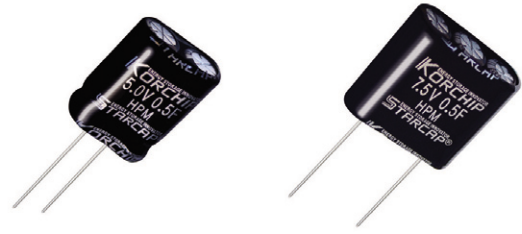


● **Features**

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

● **Applications**

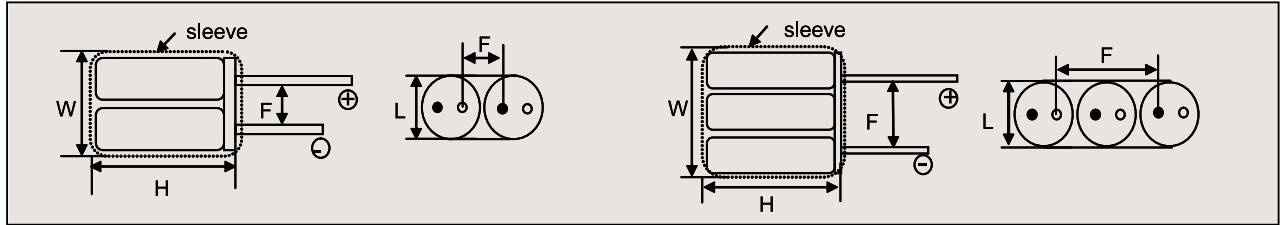
- More than 100mA from milli- sec to several - min
- Bar- cord scanner, GPS, GSM/GPRS Wireless modem
- Digital camera, Container Tracking System.



● **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 3.5F		0.5F to 2.5F	
Capacitance tolerance	- 20% to +40%(at 25 °C)			
Endurance	Capacitance change : ± 30% of initial measured value Internal resistance : ≤ 400% times of initial specified value (After 1,000 hours Application of rated DC working voltage at +60/70°C, the capacitor shall meet the following limits.)			
Shelf life	After 1,000hours storage at +60/+70°C without load, the capacitor shall meet the specified limit for "Endurance"			

● **Dimensions in mm (not to scale)**



● **Standard products**

Part number	Operating Voltage(V)	Operating temperature	Capacitance (F)	ESR(Ω, @1kHz)	W×L×H(mm)	F(mm)
SC HPMH 5R0 504	5.0V	-25 ~ 70°C	0.5	≤ 0.200	16.5 X 8.0 X 21.0	4.5
SC HPMH 5R0 105			1.0	≤ 0.180	16.5 X 8.0 X 26.0	4.5
SC HPMH 5R0 155			1.5	≤ 0.120	20.5 X 10.0 X 21.0	5.5
SC HPMH 5R0 205			2.0	≤ 0.100	20.5 X 10.0 X 26.0	5.5
SC HPMH 5R0 305			3.0	≤ 0.080	25.5 X 12.5 X 21.0	7.5
SC HPMH 5R0 355			3.5	≤ 0.060	25.5 X 12.5 X 26.0	7.5
SC HPML 5R0 504		-40 ~ 60°C	0.5	≤ 0.100	16.5 X 8.0 X 21.0	4.5
SC HPML 5R0 105			1.0	≤ 0.080	16.5 X 8.0 X 26.0	4.5
SC HPML 5R0 155			1.5	≤ 0.060	20.5 X 10.0 X 21.0	5.5
SC HPML 5R0 205			2.0	≤ 0.050	20.5 X 10.0 X 26.0	5.5
SC HPML 5R0 305			3.0	≤ 0.040	25.5 X 12.5 X 21.0	7.5
SC HPML 5R0 355			3.5	≤ 0.030	25.5 X 12.5 X 26.0	7.5
SC HPMH 7R5 504	7.5V	-25 ~ 70°C	0.5	≤ 0.300	25.0 X 8.0 X 21.0	14.0
SC HPMH 7R5 754			0.75	≤ 0.270	25.0 X 8.0 X 26.0	14.0
SC HPMH 7R5 105			1.0	≤ 0.180	31.0 X 10.0 X 21.0	17.0
SC HPMH 7R5 155			1.5	≤ 0.150	31.0 X 10.0 X 26.0	17.0
SC HPMH 7R5 205			2.0	≤ 0.120	38.5 X 12.5 X 21.0	20.5
SC HPMH 7R5 255			2.5	≤ 0.100	38.5 X 12.5 X 26.0	20.5
SC HPML 7R5 504		-40 ~ 60°C	0.5	≤ 0.150	25.0 X 8.0 X 21.0	14.0
SC HPML 7R5 754			0.75	≤ 0.125	25.0 X 8.0 X 26.0	14.0
SC HPML 7R5 105			1.0	≤ 0.100	31.0 X 10.0 X 21.0	17.0
SC HPML 7R5 155			1.5	≤ 0.085	31.0 X 10.0 X 26.0	17.0
SC HPML 7R5 205			2.0	≤ 0.065	38.5 X 12.5 X 21.0	20.5
SC HPML 7R5 255			2.5	≤ 0.050	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