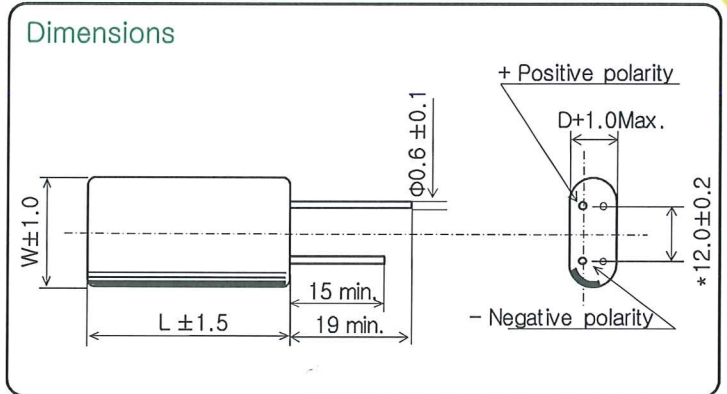
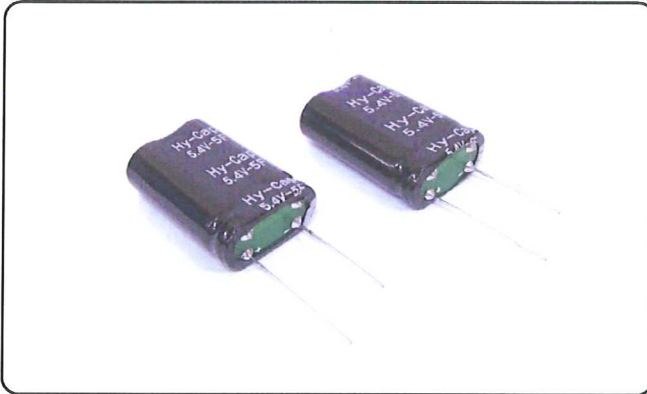


5.4V – 5F

HY – CAP



* 6.0 or 16.0 also available depending on customers' request

■ Feature

**Module, 2 serial connection of 2.7V/10F (two lead terminals)
EDLC(Electric Double Layer Capacitor), RoHS Compliance**

■ Specification

Part Number	VEC 5R4 505 MG	
Operating Temp. Range	-40 °C ~ +60 °C	
Norminal Capacitance	5 F	
Capacitance Tolerance	± 20 %	
Rated Voltage (V _R)	5.4 V	
Surge Voltage	5.8 V	
Max. ESR	AC	100 mΩ
	DC	200 mΩ
Rated Current(25 °C)	2.25 A / 5 second discharge from V _R V to 1/2V _R V	
Max. Current(25 °C)	6.75 A / 1 second discharge from V _R V to 1/2V _R V	
Size(mm)	10.5 (D) × 33.0 (L) × 22.0 (W)	
Weight and Volume	6.6 g / 7.6 ml	
Energy Density	3.06 Wh/kg / 2.66 Wh/L	
High Temperature Load Life	After 2,000 hours application of V _R V DC at 60 °C, it meets the following limits	
	ΔC	≤ 30% of initial value
	ESR	≤ 2 times of specified value
Self-Discharge Test	Charge with 10mA/F to V _R V , hold 12hours at V _R V and discharge it	
Temperature Characteristics	Measure at -40 °C, +25 °C, +60 °C	
	ΔC	≤ 30% of initial value
	ESR	≤ 4 times of specified value
Cycle Life Characteristics	500,000 cycles of charge/discharge from V _R V to 1/2V _R V	
	ΔC	≤ 30% of initial value
	ESR	≤ 2 times of specified value