

FEATURES

- Able to be used at wide temperature from -25°C to 70°C
- Long life Endurance : 1,000 hours at +70°C
- RoHS directive compliant / No Explosion Safety

APPLICATIONS

- Memory back-up for Video, Audio, Cameras, CCTV, Printer, Camcorder, Telephones, Car stereo, E-meter, Toy, Computer, Notebook PC, Rice cooker, Home network etc.

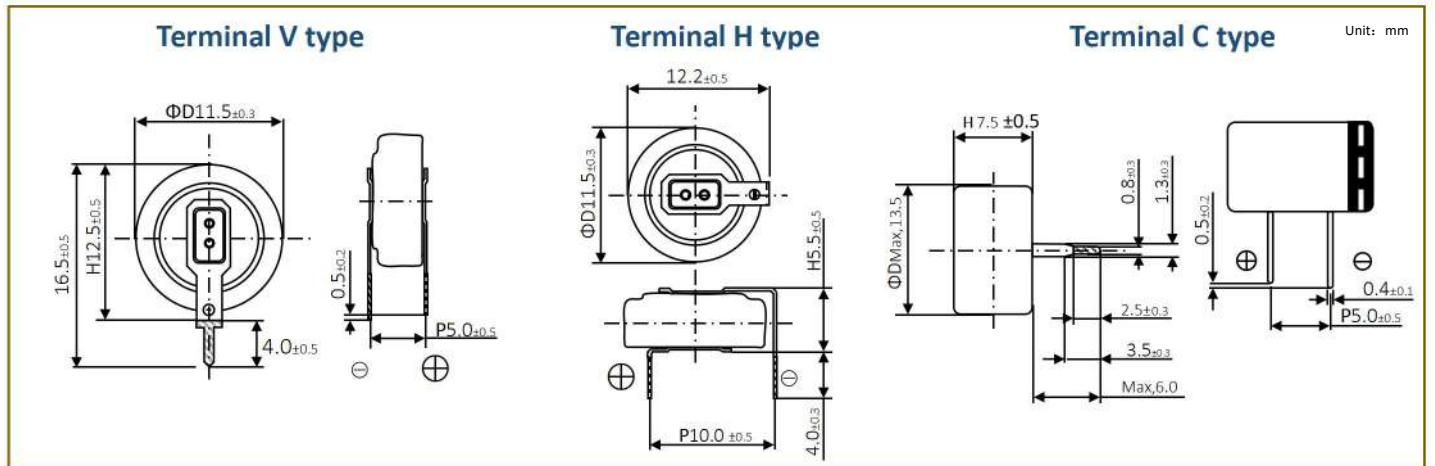


PART NUMBER SYSTEM

CB	5R5	223	H	F	*
Series	Rated Voltage	Capacitance	Type	RoHS	Special Code

GENERAL SPECIFICATIONS / DIMENSIONS

Item	Performance						
Operating temperature	-25°C to +70°C						
Capacitance range	0.022F to 0.47F						
Capacitance tolerance	- 20% to + 80% (at 25°C)						
Rated voltage	5.5 VDC						
Nominal capacitance & Resistance	Nominal capacitance (F)	0.022	0.047	0.1	0.22	0.33	0.47
	Nominal resistance (Ω)	75	75	75	75	50	50
Temperature characteristics	Capacitance change: Within ±30% of initial measured value at +25°C Internal resistance: Within ±500% of initial measured value at +25°C						
Endurance (At rated voltage & max. operating temp)	After 1000 hours: Capacitance change: ±30% of initial rated value Internal resistance: Within 4 times of initial specified value						
Shelf life	After 2 years at 25°C without load, the capacitor shall meet the specified endurance limits.						



Part Number	Working Voltage (V DC)	Rated Cap. (F)	Internal resistance (Ω) at 1 kHz	V type(mm)			H type(mm)			C type(mm)		
				ΦD	H	P	ΦD	H	P	ΦD	H	P
CB 5R5 223 ()	5.5	0.022	≤75	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.5	5.0
CB 5R5 473 ()	5.5	0.047	≤75	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.5	5.0
CB 5R5 104 ()	5.5	0.10	≤75	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.5	5.0
CB 5R5 224 ()	5.5	0.22	≤75	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.5	5.0
CB 5R5 334 ()	5.5	0.33	≤50	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.5	5.0
CB 5R5 474 ()	5.5	0.47	≤50	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.5	5.0