

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

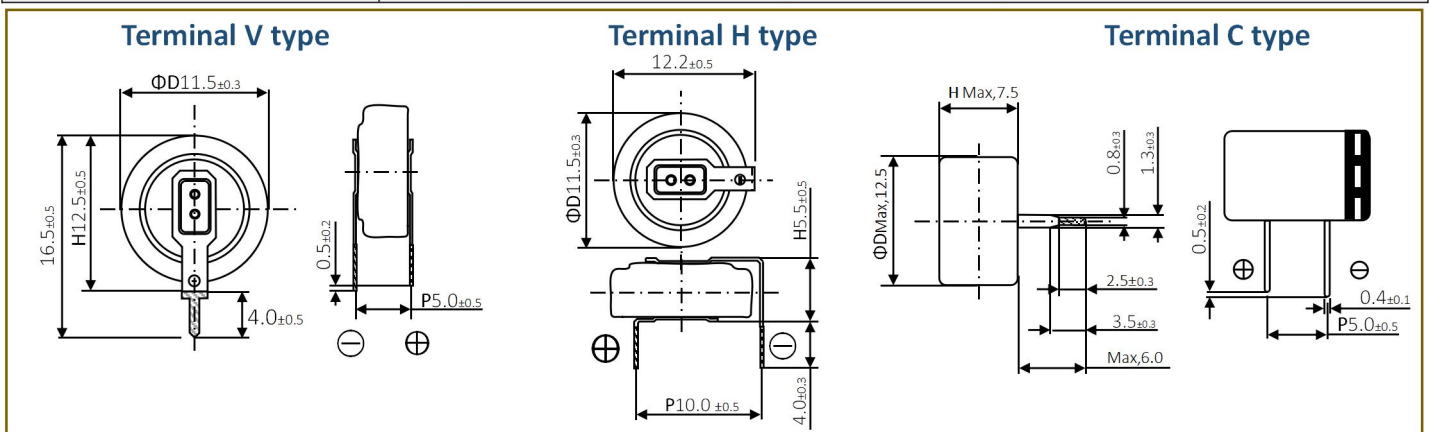
- Memory back-up for Video, Audio, Cameras, CCTV, Printer, Camcorder, Telephones, Car stereo, E-meter, Toy, Computer, Notebook PC, Rice cooker, Home network etc.

PART NUMBER SYSTEM

<u>CBN</u>	<u>5R5</u>	<u>224</u>	<u>H</u>	<u>E</u>	<u>*</u>
Series	Rated Voltage	Capacitance	Type	RoHS	Special Code

GENERAL SPECIFICATIONS / DIMENSIONS

Item	Performance			
Storage temperature	-25°C to +70°C			
Capacitance range	0.22F to 0.47F			
Capacitance tolerance	- 20% to + 80% (at 25°C)			
Rated voltage	5.5 VDC			
Nominal capacitance & Resistance	Nominal capacitance (F)	0.22	0.33	0.47
	Nominal resistance (Ω)	25	25	25
Temperature characteristics	Capacitance change: Within ±30% of initial measured value at +20°C (-15°C to +70°C) Internal resistance: Within ±500% of initial measured value at +20°C (at -15°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.			



STANDARD PRODUCTS

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
CBN 5R5 224 ()	5.5	0.22	≤25	11.5	12.5	5.0	11.5	5.5	10.0	12.5	7.5	5.0
CBN 5R5 334 ()	5.5	0.33	≤25	11.5	12.5	5.0	11.5	5.5	10.0	12.5	7.5	5.0
CBN 5R5 474 ()	5.5	0.47	≤25	11.5	12.5	5.0	11.5	5.5	10.0	12.5	7.5	5.0