

Features

- Small-sized, large capacity
- Wide temperature range from -40 °C to +70°C
- No need of periodic change (maintenance free)

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.

Specifications

Items	Characteristics
Rated working voltage	5.5VDC
Operating temperature	-40 to +70°C
Maximum surge voltage	6.3VDC
Nominal Cap. range	0.047 to 0.22F
Capacitance tolerance	-20% to +80%(at 25°C)
Low temperature(-25°C) characteristics	Capacitance change : ≤ 50% of the initial value at +25°C Internal resistance : Less than five times of the initial value at +25°C
Endurance	After 1,000hours application of rated DC working voltage at +70°C, the capacitor shall meet the following limits. <ul style="list-style-type: none"> • Capacitance change : ±30% of the initial value • Internal resistance : Less than four times of the initial value
Shelf life	After 1,000hours storage at +70°C without load, the capacitor shall meet the specified limit for "Endurance"

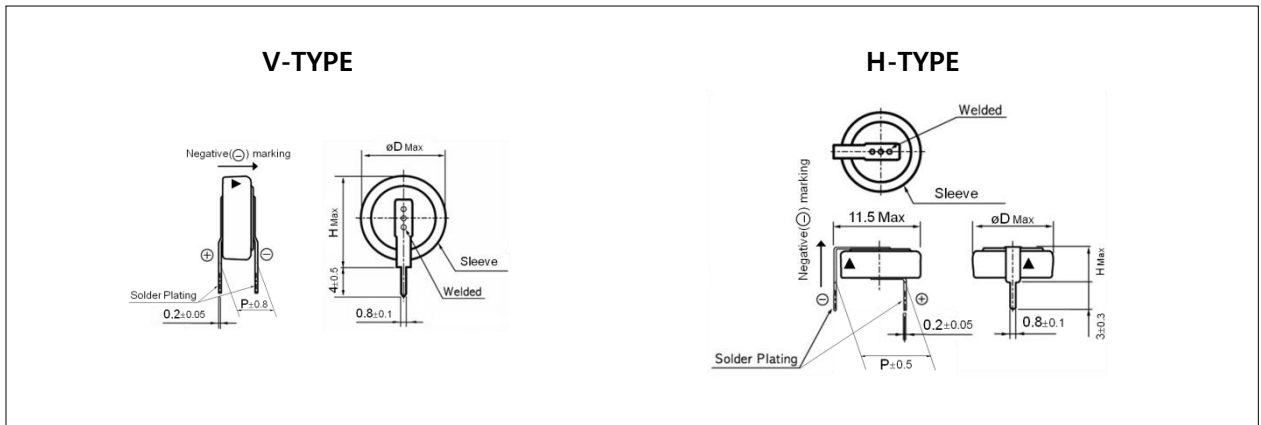


V-TYPE



H-TYPE

Dimensions in mm(not to scale)



Standard products

Part Number	Operating Voltage (V)	Capacitance (F)	ESR (Ω @1kHz)	V type(mm)			H type(mm)		
				ΦD	H	P	ΦD	H	P
DCMP 5R5 473	5.5	0.047	≤ 75	10.8	13.0	5.0	10.8	6.0	10.0
DCMP 5R5 104		0.10	≤ 75	10.8	13.0	5.0	10.8	6.0	10.0
DCMP 5R5 224		0.22	≤ 75	10.8	13.0	5.0	10.8	6.0	10.0

Note : It is not allowed to go through reflow (IR, Atmosphere heating methods etc.) process