

## Features

- Smaller and lighter than DCLP Series
- 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



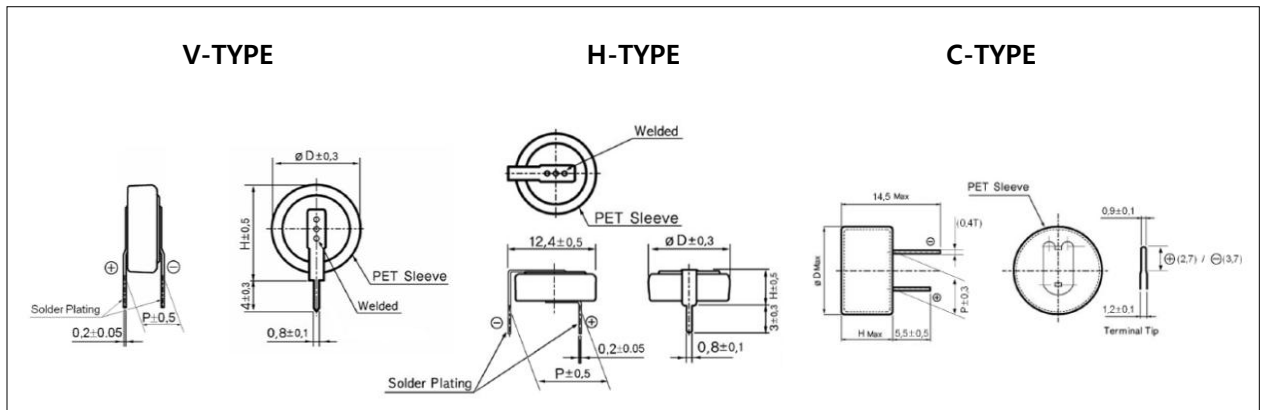
V-TYPE

H-TYPE

C-TYPE

Items	Characteristics
Rated working voltage	5.5VDC
Operating temperature	-40 to +70°C
Maximum surge voltage	6.3VDC
Nominal Cap. range	0.047 to 0.47F
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"> <li>• Capacitance change : ±30% of the initial value</li> <li>• Internal resistance : Less than four times of the initial value</li> </ul>
Shelf life	After 1,000hours storage at +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)	Capacitance (F)	ESR ( $\Omega$ , @1kHz)	V type(mm)			H type(mm)			C type(mm)		
				$\phi D$	H	P	$\phi D$	H	P	$\phi D$	H	P
DCSP 5R5 473	5.5	0.047	≤ 120	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.0	5.0
DCSP 5R5 104		0.10	≤ 120	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.0	5.0
DCSP 5R5 224		0.22	≤ 75	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.0	5.0
DCSP 5R5 334		0.33	≤ 75	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.0	5.0
DCSP 5R5 474		0.47	≤ 50	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.0	5.0

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