

Features

- High temperature tolerance(-25~85°C) and highly reliable

Applications

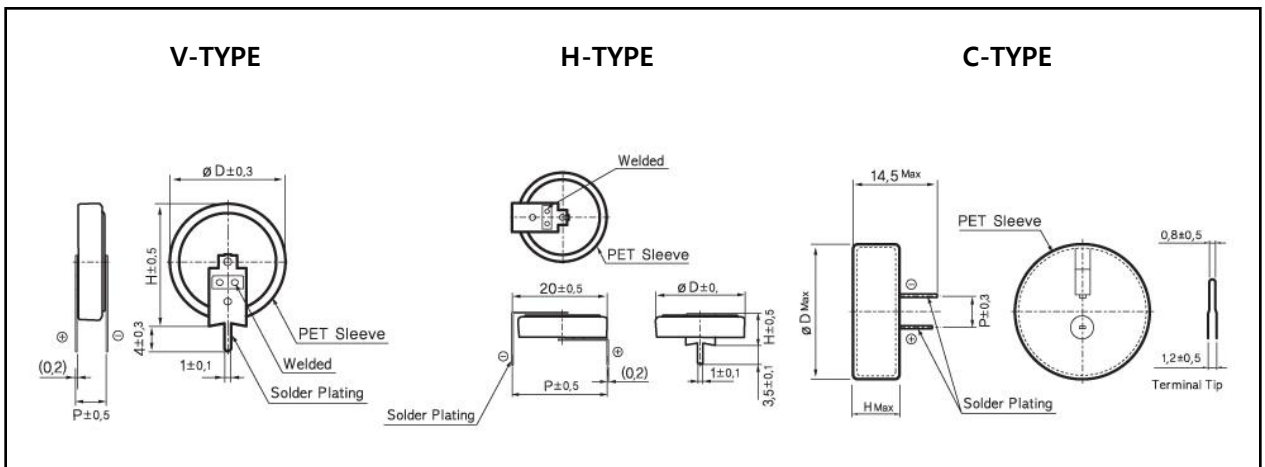
- Memory back-up for Video, Audio, Cameras, Camcorder, Telephones, Printer Car stereo, Computer, Notebook PC, Rice cooker, PLC, Set top box, Washing machine, DVD-RW, Home network etc.
- Main power for Bicycle tail light, flash lights etc.



Specifications

Items	Characteristics
Rated working voltage	3.6VDC
Operating temperature	-25 to +85°C
Maximum surge voltage	5.5VDC
Nominal Cap. range	1.0, 1.5F
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 +85°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 +85°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 (Ω , @1kHz)	V type(mm)			H type(mm)			C type(mm)		
				ϕD	H	P	ϕD	H	P	ϕD	H	P
DCLT 3R6 105	3.6	1.0	≤ 30	19.0	19.5	5.0	19.0	6.5	20.0	21.5	7.5	5.0
DCLT 3R6 155	3.6	1.5	≤ 30	19.0	19.5	5.0	19.0	6.5	20.0	21.5	7.5	5.0

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