# **DCSH** series



#### | Features |

- Smaller and lighter than DCLH Series
- · Small-sized, large capacity
- Wide operating voltage range up to 6.3V

#### | Applications |-

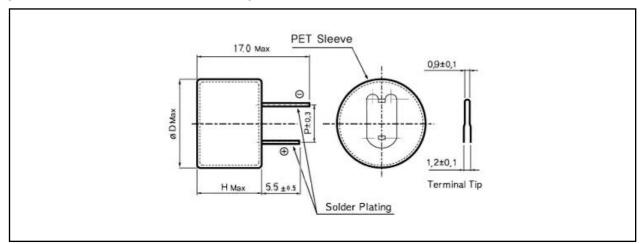
 Memory back-up for Video, Audio, Cameras, CCTV, Printer, Camcorder, Telephones, Car stereo, E-meter, Toy, Computer, Notebook PC, Rice cooker, Home network etc



## | Specifications |-

Items	Characteristics			
Maximum operating voltage	6.3VDC			
Operating temperature	-25 to +70°C			
Nominal Cap. range	0.1 to 0.33F			
Capacitance tolerance	-20% to +80%(at 25°C)			
Characteristics at Low temperature(-25℃)	Capacitance change : $\leq$ 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.  • 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"			

## | Dimensions in mm(not to scale) |-



## | Standard products |

Part Number	Operating Voltage (V)	Capacitance (F)	ESR (Ω, @1kHz)	ФD×H×P (mm)
DCSH 6R3 104	6.3	0.10	≤ 120	Ф13.5×9.5×5.0
DCSH 6R3 224		0.22	≤ 75	Ф13.5×9.5×5.0
DCSH 6R3 334		0.33	≤ 75	Ф13.5×9.5×5.0

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

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