

## | Features |

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

## | Applications |

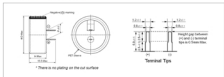
- Memory back-up for Video, Audio, Camera, Camcorder, Telephones, Printer, Car stereo, Computer, Notebook PC, Base station, P.O. Set top box, Washing machine, DVD-RW, Home network etc.



## | Specifications |

Items	Characteristics
Rated working voltage	5.5VDC
Operating temperature	-25 to +85°C
Nominal Cap. range	0.47 to 1.0µF
Capacitance tolerance	-20% to +80%at 25°C
Low temperature (-25°C) characteristics	Capacitance change : $\pm 50\%$ 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"> <li>• Capacitance change : <math>\pm 50\%</math> of the initial value</li> <li>• Internal resistance : Less than five times of the initial value</li> </ul>
Shelf life	After 1,000hours storage at +85°C without load, the capacitor shall meet the specified limit for "100"

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



## | Standard products |

Part Number	Operating Voltage (V)	Capacitance (F)	ESR (Ω, 0.1Hz)	W $\times$ H $\times$ D (mm)
DCLT 585 474	5.5	0.47	$\pm 50$	11.5 $\times$ 9.5 $\times$ 5.0
DCLT 585 684		0.68	$\pm 50$	11.5 $\times$ 9.5 $\times$ 5.0
DCLT 585 105		1.0	$\pm 50$	11.5 $\times$ 9.5 $\times$ 5.0

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