

DLCAP™ DTC Series *2.3V High capacity super low resistance*



- With the original electrode process, high energy density implementation is possible
- Charge/discharge efficiency are higher than in batteries
- Environment-friendly
- Suited for electricity storage, battery assistance, short-term backups, etc.

◆SPECIFICATIONS

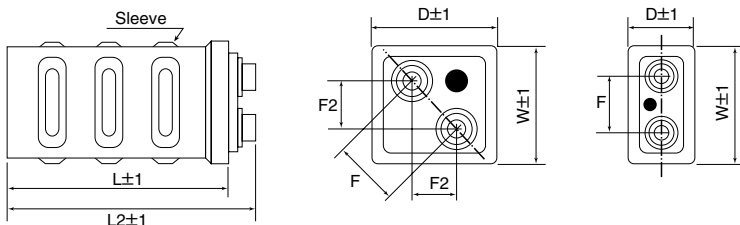
Items	Specifications	
Operating Temperature	-30°C to +60°C	
Rated Voltage	2.3V _{dc}	
Capacitance Tolerance	±10% (K) (at 20°C)	
Temperature Characteristics	Capacitance change	≤±30% of the initial measured value at 20°C
	Internal Resistance	≤600% of the value given in the Ratings Tables (at -25°C)
Load Life Test	After the capacitors are subjected to the rated DC voltage at 60°C for 2,000 hours, the following specifications shall be satisfied when the capacitors are restored to 20°C.	
	Capacitance change	≤±30% of the initial measured value
	Internal Resistance	≤200% of the value given in the Ratings Table
Bias Humidity Test	After the capacitors are subjected to the rated DC voltage at 40°C and 90 to 95%RH for 500 hours, the following specifications shall be satisfied when restoring to 20°C.	
	Capacitance change	≤±30% of the initial measured value
	Internal Resistance	≤200% of the value given in the Ratings Tables

◆STANDARD RATINGS

Rated Voltage [V]	Capacitance [F]	Case Size			F [mm]	F2 [mm]	Internal Resistance* [mΩ]	Part No.
		WXD [mm]	L [mm]	L2 [mm]				
2.3	2,100	54x54	98	109	27.15	19.2	0.9	DDTC2R3LGN212K54AS
	2,800		128	139			0.7	DDTC2R3LGN282K54BS
	1,100	54x30	98	107	27.4	-	1.8	DDTC2R3LGN112K30AS
	1,400		128	135			1.4	DDTC2R3LGN142K30BS

* typical data (at 20°C)

◆DIMENSIONS [mm]



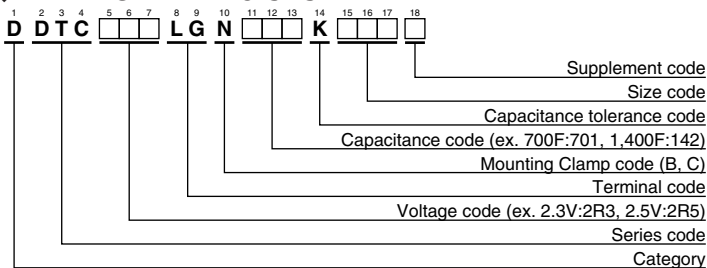
<Screw specification>

Plus hexagon-headed screw

54x54type M6x1.0x12 54x30type M5x0.8x10

Maximum screw tightening torque :3.23Nm

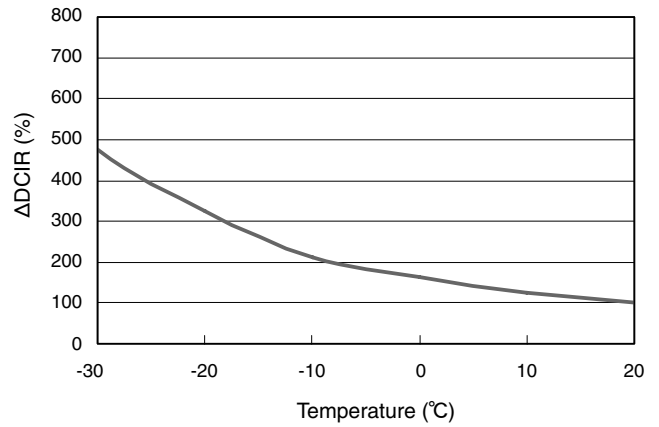
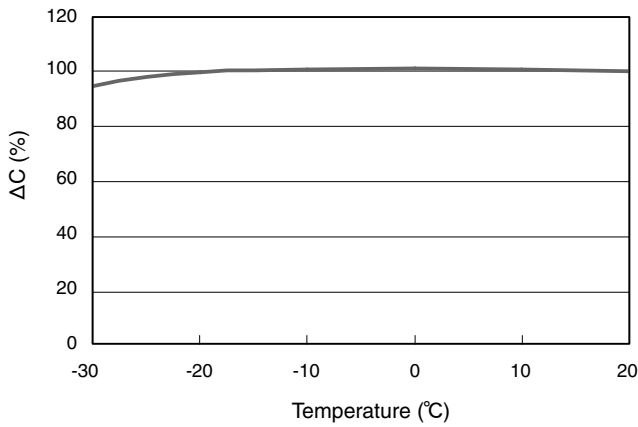
◆PART NUMBERING SYSTEM



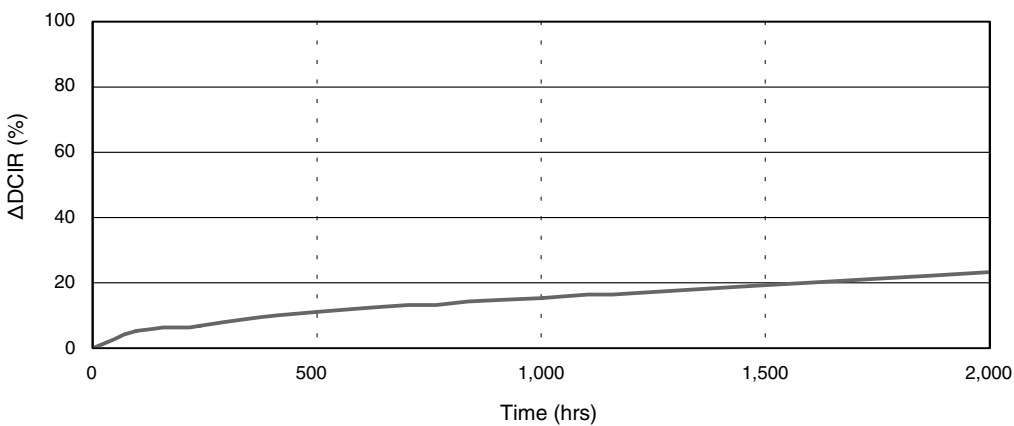
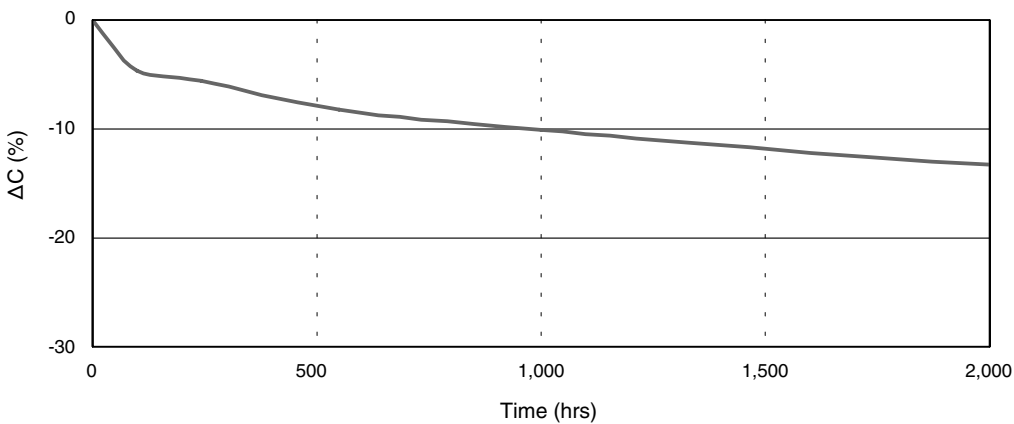
Please refer to "A guide to global code (screw-mount terminal type)"

DLCAP™ DTC Series

◆Temperature dependence of Capacitance & DCIR



◆60°C Load Life Test



Special designs are available on requests.

Note : The specifications are subject to change without notice