



Features

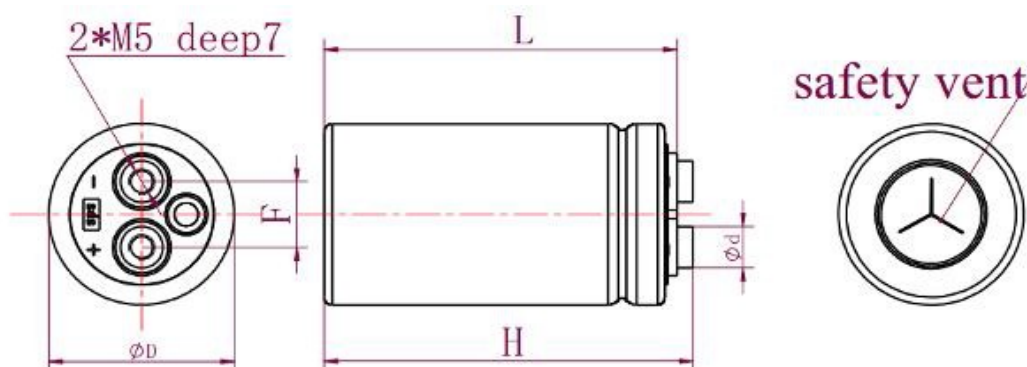
- High power performance
- Low ESR
- Over 1,000,000 duty cycles
- Screw-in terminal

Applications

- Pitching control system of Wind Turbine Generator
- EV/HEV
- Solar energy conversion system
- Hybrid drive trains
- Mass transportation braking energy recovery system
- UPS/DVC
- Heavy duty machinery
- Locomotive engine startup system



Dimension



Dimension(mm)					
Capacitance	D	H	L	F	d
360F	35.2	67	64	12.7	8
400F	35.2	67	64	12.7	8
600F	35.2	101	98	12.7	8

Specifications

Capacitance (F)	GT Part Number	Maximum ESR (mΩ)		Max. Continuous Current (A)	Max. Peak Current (A)	Leakage Current (mA) @ 25°C after 72 Hours	Max. Energy Stored (Wh)	Max. Energy Density (Wh/Kg)	Weight (g)
		AC @ 1kHz	DC						
360	GTSP-2R7-367US	2.8	3.1	34	230	0.5	0.36	4.7	77
400	GTSP-2R7-407US	2.5	3.0	36	245	0.8	0.41	5.3	78
600	GTSP-2R7-607US	2.5	3.0	38	289	0.9	0.61	5.2	117

Working Voltage	2.7 VDC
Surge Voltage	2.85 VDC
Capacitance Tolerance	-10% to +20% (25°C)
Operating Temperature Range	-40°C to 65°C, ΔC<20%, ΔESR<50% of initial measured value@ 25°C
Storage Temperature Range	-40°C to 70°C
Life (1500hrs @ 85°C @ 2.65V DC)	ΔC<30% of initial measured value, ΔESR<100% of specified value
storage(2 years @ 70°C,without loading)	ΔC<30% of initial measured value, ΔESR<100% of specified value



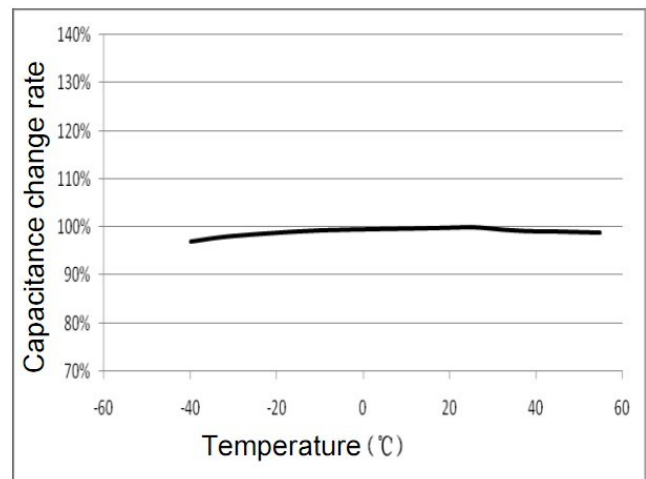
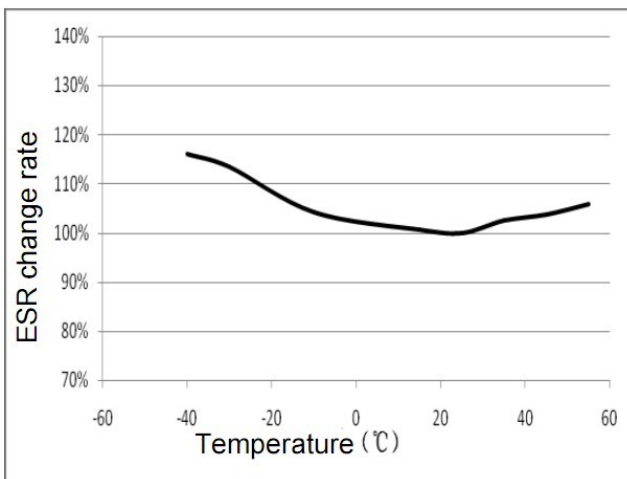
Install method



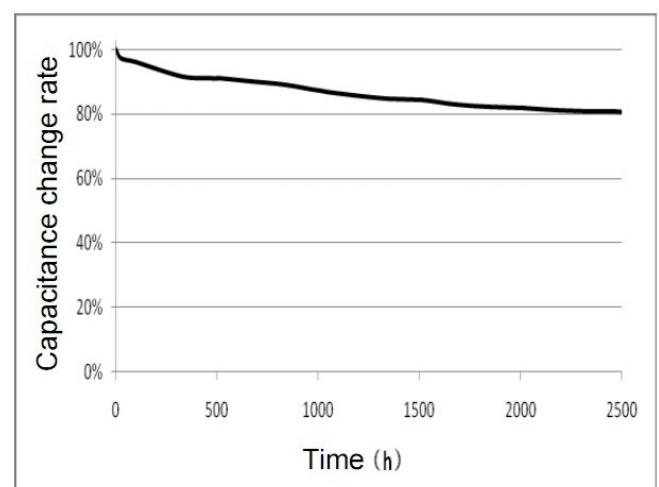
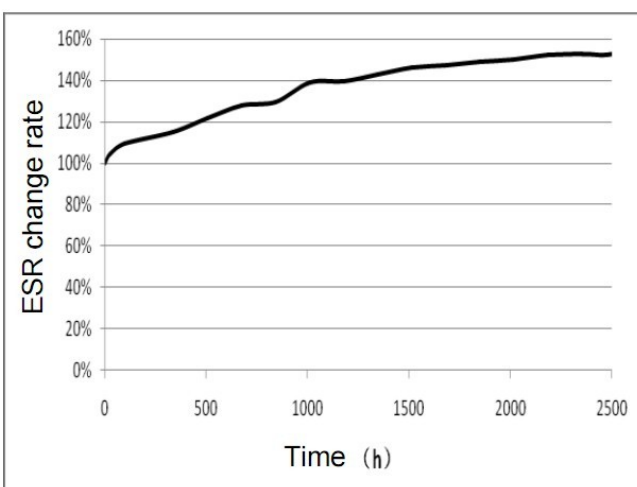
Use M5 screws install the capacitors on the PCB.
It's easy to install and dismantle and change new capacitors.
This terminal type suit for trial and test samples.
You can choose our soldering pillar type when request large amount to soldering on the PCB.

Curve of performance testing

Temperature character:

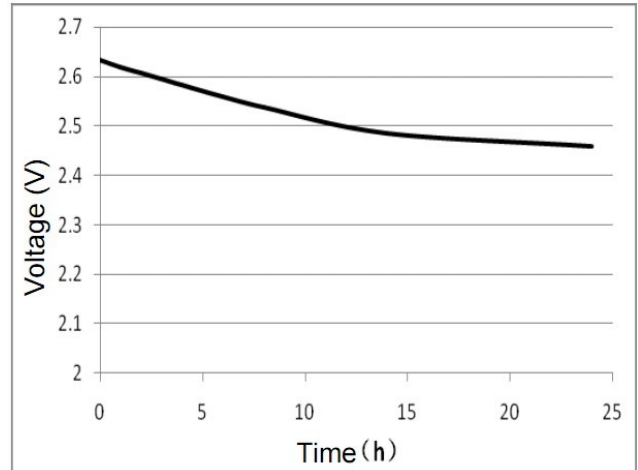
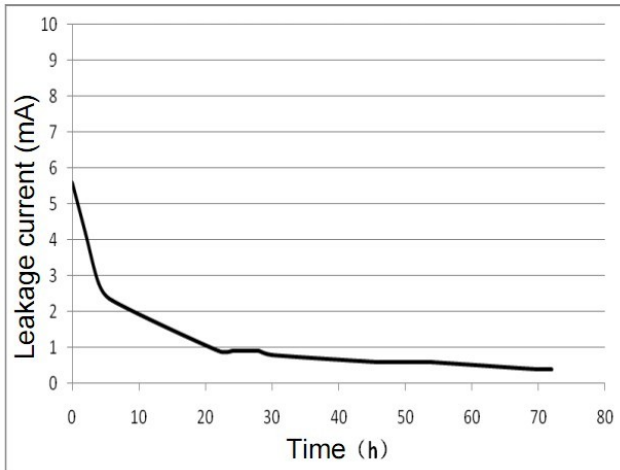


Life character:

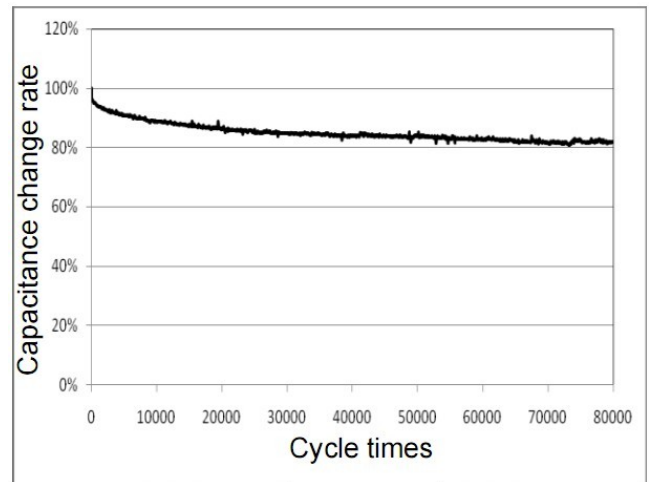
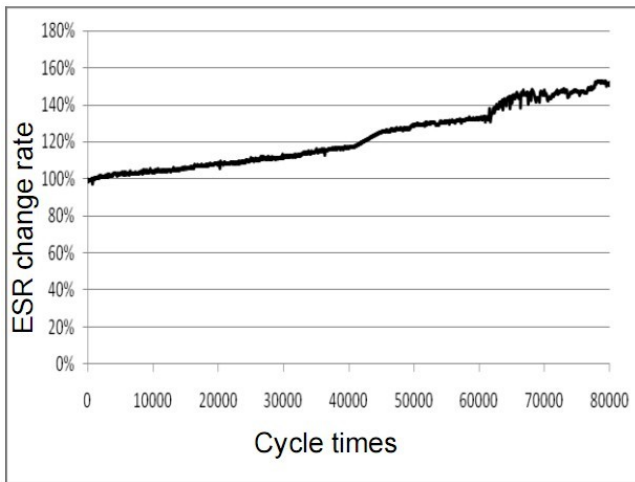




Leakage current,charge&discharge character



Charge&discharge cycle character



Store life character

