Shanghai Green Tech Co.,Ltd.

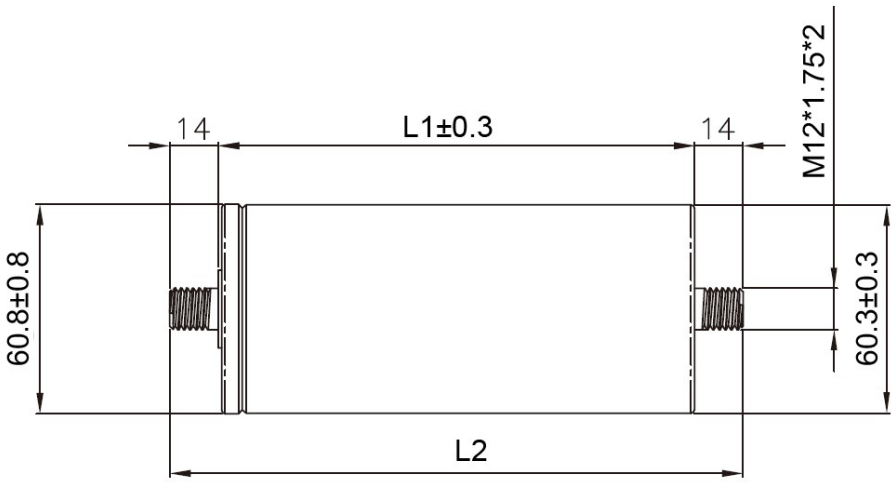
Features

High power performance
Ultra low ESR
Over 1,000,000 duty cycles
Threaded terminals
RoHS, REACH compliant

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)					
GT Part Number	Voltage	Capacitance	D (Max)	L1(±0.3)	L2(±0.5)
GTSPP-2R7-657UT	2.7V	650F	60.8	52	80
GTSPP-2R7-128UT	2.7V	1200F	60.8	74	102
GTSPP-2R7-158UT	2.7V	1500F	60.8	85	113
GTSPP-2R7-208UT	2.7V	2000F	60.8	102	130
GTSPP-2R7-308UT	2.7V	3000F	60.8	138	166
GTSPP-2R7-508UT	2.7V	5000F	60.8	204	232

Specifications

Capacitance (F)	Voltage (V/DC)	Maximum ESR (mΩ)		Max. Continuous Current (A)	Max. Peak Current (A)	Leakage Current (mA) @ 25°C after 72hrs	Max. Energy Stored (Wh)	Max. Energy Desity (Wh/Kg)	Weight (g)
		AC @ 1kHz	DC						
650	2.7	0.65	0.8	88	578	1.8	0.66	3.0	213
1200	2.7	0.40	0.58	110	958	2.5	1.22	4.1	291
1500	2.7	0.33	0.47	140	1188	3.0	1.55	4.4	339
2000	2.7	0.25	0.35	170	1588	3.5	2.05	5.0	402
3000	2.7	0.22	0.29	210	2165	5.2	3.05	5.5	545
5000	2.7	0.21	0.28	215	2812	13	5.08	6.3	795

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

GT Part Number:

GT	S	□		□ □ □		□ □ □		□		□		□
Brand	Super	Series		Rated Voltage		Capacitance		Tolerance		Terminal Type		Status
GTCAP	capacitor	Code	Series	Code	Voltage	Code	Value(F)	Code	Tolerance	Code	Terminal	Code
		P	Power	2R5	2.5V	104	0.1	J	±5%	H	Horizontal	S=Standard
		E	Energy	2R7	2.7V	224	0.22	K	±10%	V	Vertical	C=Customized
		M	Module	3R3	3.3V	474	0.47	M	±20%	C	Coin	
		PP	Big Power	5R0	5.0V	105	1.0	U	-10%~20%	R	Radial	
		PH	Hi-Temp P	5R5	5.5V	205	2.0	V	10%~30%	T	Thread	
		EH	Hi-Temp E	6R3	6.3V	475	4.7	Z	-20%~80%	N	Snap in	
		MH	Hi-temp M	012	12V	106	10			W	Weldable	
		ML	Military	016	16V	206	20			P	Pillar	
				024	24V	506	50			S	Screw in	
				036	36V	107	100			L	Wire	
				048	48V	367	360					
				056	56V	407	400					
				075	75V	657	650					
				100	100V	158	1500					
				120	120V	308	3000					
				240	240V	508	5000					
						728	7200					