



GTCAP radial type cell super capacitor

- 1, GT EDLC made of ACP activated carbon electrode and organic electrolyte.
- 2, Operate temperature: **-40°C~+85°C (SPH series)**
- 3, Cycle life **500,000** duty times.
- 4, Rated Voltage: **2.7V**
- 5, **RoHS and REACH compliant**
- 6, Ultra low ESR, low leakage current. Big capacitance, high reliability. Quickly charge-discharge and can supply high power.

Part NO.	Rated Voltage	Surge Voltage	Cap	Max ESR		Max.LC @ R.T.after 24hrs	Max. Continuous Current	Max. Peak Current 1s (non repetitive)	Max.Energy Storage	Max.Energy Density	Weight	Size	Lead Space
	(V)	(V)		(F)	DC								
	(V)	(V)	(F)	(mΩ)	(mΩ)	(mA)	(A)	(A)	(Wh)	(Wh/Kg)	(g/pc)	(mm)	P(mm)
GTSPH-2R7-254ZR	2.7	2.85	0.25	N/A	700	0.005	0.08	0.32	0.00025	0.35	0.7	Φ5x12	2.0
GTSPH-2R7-354ZR	2.7	2.85	0.35	N/A	700	0.005	0.12	0.35	0.00035	0.43	0.8	Φ5x12	2.0
GTSPH-2R7-504ZR	2.7	2.85	0.5	N/A	700	0.005	0.16	0.40	0.00051	0.85	1.0	Φ6.3x12	2.5
GTSPH-2R7-105ZR	2.7	2.85	1.0	N/A	350	0.008	0.27	0.63	0.00101	0.90	1.4	Φ8x13	3.5
GTSPH-2R7-205ZR	2.7	2.85	2.0	N/A	300	0.01	0.43	1.38	0.00203	1.86	2.9	Φ8x20	3.5
GTSPH-2R7-305ZR	2.7	2.85	3.0	N/A	260	0.015	0.72	1.82	0.00304	2.09	3.0	Φ8x20	3.5
GTSPH-2R7-335ZR	2.7	2.85	3.3	N/A	120	0.02	0.9	2.12	0.00334	2.09	4.1	Φ10x20	5.0
GTSPH-2R7-475ZR	2.7	2.85	4.7	N/A	100	0.025	1.02	2.77	0.00476	2.2	4.7	Φ12.5x21	5.0
GTSPH-2R7-505ZR	2.7	2.85	5	N/A	90	0.03	1.1	2.89	0.0051	2.2	5.0	Φ12.5x21	5.0
GTSPH-2R7-805ZR	2.7	2.85	8	N/A	80	0.04	1.61	4.55	0.0081	2.95	5.5	Φ12.5x21	5.0
GTSPH-2R7-106ZR	2.7	2.85	10	N/A	40	0.03	2.45	9.0	0.0109	3.38	6.0	Φ12.5x26	5.0
GTSPH-2R7-156ZR	2.7	2.85	15	N/A	30	0.04	2.75	11	0.015	2.71	7.0	Φ12.5x31/21	5.0
GTSPH-2R7-206ZR	2.7	2.85	20	N/A	29	0.04	5.13	14.8	0.0218	3.10	8.0	Φ16x34/26	7.5
GTSPH-2R7-256ZR	2.7	2.85	25	N/A	27	0.05	5.63	16.9	0.0245	3.16	8.0	Φ16x34	7.5
GTSPH-2R7-306ZR	2.7	2.85	30	N/A	20	0.06	6.5	18.8	0.032	3.89	9.5	Φ16x34	7.5
GTSPH-2R7-506ZR	2.7	2.85	50	N/A	20	0.75	10.4	27	0.054	3.99	12.2	Φ18x40	8.0
GTSPH-2R7-107ZR	2.7	2.85	100	15	11	0.2	15	54	0.11	4.85	22	Φ18x45	10