

Super capaciton parameter

● Standard Ratings

Rated Cap (F)	Size (mm)	Max. Internal Resistance (mΩ)		Max. LC (mA)	Stored Energy	Specific Energy		Specific Power		Max. Peak Current	Max. continuous current	ISC	Max. Weight (g)	Part Number
measure at 25°C	ΦDXL	AC (1kHz, 1V)	DC	72hrs, 25°C	(Wh)	(Wh/kg)	(Wh/l)	Pd (W/kg)	Pmax (W/kg)	1s to 1/2V (A)	(A)	(A)		
0 15	12.5X31.5	35	60	0.035	0.0152	2.8656	3.9308	2751	5731	10.658	1.5	45.00	5.3	GPL2R7156M1232

● Specification

Items	Characteristics	
Rated Voltage	2.7 V	2.3 V
Surge Voltage	2.85 V	2.85 V
Capacitance Tolerance	-20 % / +20 %	-20 % / +20 %
Operating Temperature	-40 ℃ to 65 ℃	-40 ℃ to 85 ℃
Storage Temperature	-40 ℃ to 70 ℃	-40 ℃ to 85 ℃
Endurance	1000hrs @65℃ at Rated Voltage	△C Within ±30% of initial measured value ESR Within 2 times of initial specified value
Shelf Life	1000hrs @70℃ without load	
Life time	10y @ 25 ℃at Rated Voltage	
Cycle Life	500k cycles	
	Cycle: between specified voltage and half voltage under constant current at 25℃	

■ Dimensions