



## Power Type

## PT Series

### Features

- Quick charge & discharge
- Environmentally friendly products
- Extended temperature to 105°C
- Humidity resistance @ RH90% 65°C
- Compliant with key AEC-Q200 tests

### Certification

- RoHS & REACH compliant

### Recommended Applications

- Pulse power demand
- High temperature demand



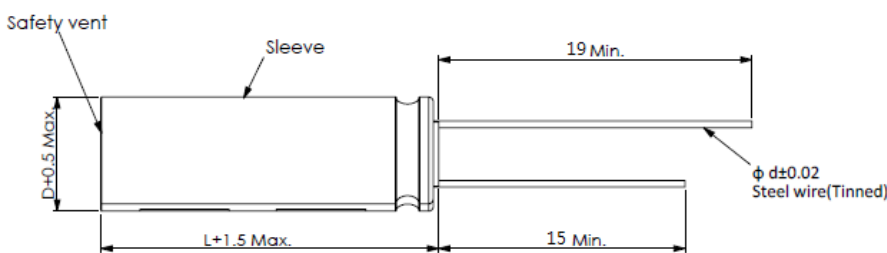
### Specification

Items	Characteristics	
Rated Voltage	2.3 V	2.5 V
Operating Temp. (Charge)	-40°C ~ 105°C	-40°C ~ 85°C
Surge Voltage	2.7 V	
Capacitance Tolerance	-20% ~ +20% of Rated Capacitance	

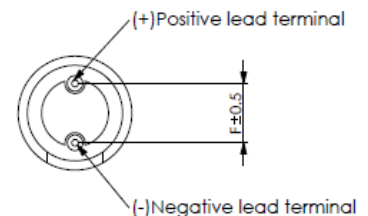
  

Test	Endurance	Standards
High Temp. Life	1000hrs @ Rated Voltage & Max. Operating Temp.	Must to meet standards as below after test: CAP decline < 30% of Initial measurement. ESR < 2 times specification value.
Shelf Life	After 2 years at 25°C without load, the capacitor shall meet the specified endurance limits.	
Life time	10 Years @ Rated Voltage & 25°C	
Cycle Life	500,000 Cycles @ 25°C (Operating Between 50%~100% Of Rated Voltage)	

### Dimensions



D	L	d	F
8	16	0.6	3.5



### Standard Ratings

Rated Cap (F)	Size (mm)	Max. Internal Resistance (mΩ)		Max. LC (mA)	Stored Energy (Wh)	Specific Energy (Wh/kg)		Specific Power (W/kg)		Max. Peak Current (A)	Max. continuous current (A)	ISC (A)	Max. Weight (g)	Part Number
		AC (1kHz, 1V)	DC			72hrs, 25°C	(Wh/l)	Pd (W/kg)	Pmax (W/kg)					
measure at 25°C	ΦDXL									1s to 1/2V (A)				
2	8X16	180	550	0.016	0.0015	1.1217	1.8271	881	1836	1.095	0.20	4.18	1.3	PT2R3205M0816

