



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

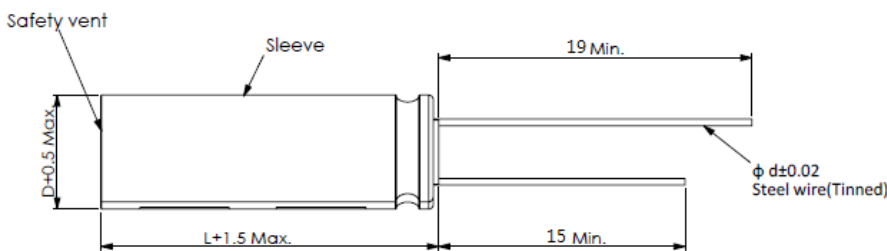
- Pulse power demand
- High temperature demand



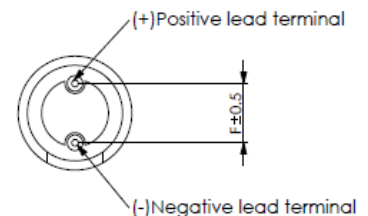
Specification

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
10	20	0.6	5.0



Standard Ratings

Rated Cap (F)	Size (mm)	Max. Internal Resistance (mΩ)		Max. LC (mA)	Stored Energy (Wh)	Specific Energy		Specific Power		Max. Peak Current 1s to 1/2V (A)	Max. continuous current (A)	ISC (A)	Max. Weight (g)	Part Number
		AC (1kHz, 1V)	DC			(Wh/kg)	(Wh/l)	Pd (W/kg)	Pmax (W/kg)					
measure at 25°C	ΦDXL			72hrs, 25°C	(Wh)	(Wh/kg)	(Wh/l)	Pd (W/kg)	Pmax (W/kg)	1s to 1/2V (A)	(A)	(A)	(g)	
4	10X20	150	350	0.023	0.0029	1.3004	1.8710	803	1672	1.917	0.40	6.57	2.3	PT2R3405M1020

