



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

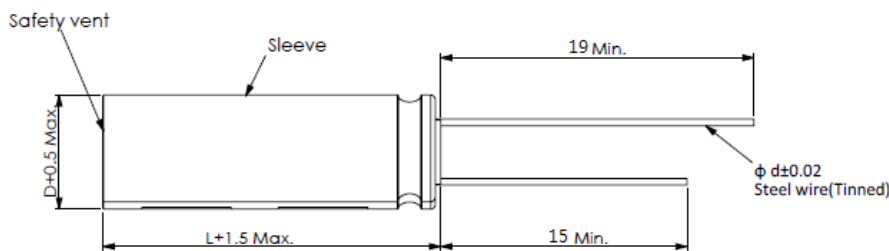
- Pulse power demand
- High temperature demand



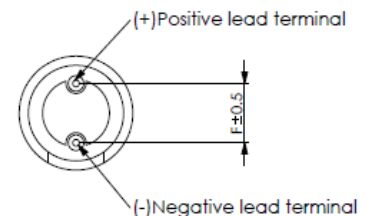
Specification

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	28	0.6	3.5



Standard Ratings

Rated Cap (F)	Size (mm)	Max. Internal Resistance (mΩ)		Max. LC (mA)	Stored Energy (Wh)	Specific Energy		Specific Power		Max. Peak Current (A)	Max. continuous current (A)	Isc (A)	Max. Weight (g)	Part Number
		AC (1kHz,1V)	DC			72hrs, 25°C	(Wh/kg)	(Wh/l)	Pd (W/kg)					
measure at 25°C	ΦDXL									1s to 1/2V				
6	8X28	130	230	0.024	0.0044	1.9167	3.1322	1200	2500	2.899	0.60	10.00	2.3	PT2R3605M0828

