



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

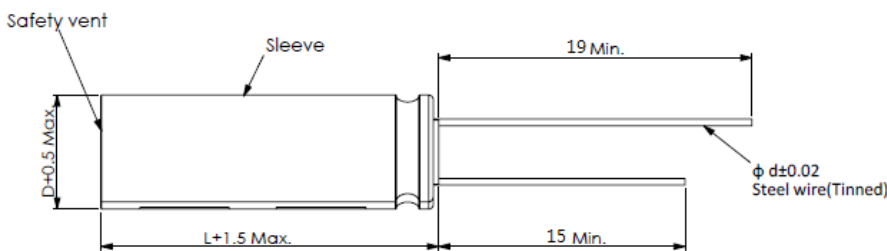
- Pulse power demand
- High temperature demand



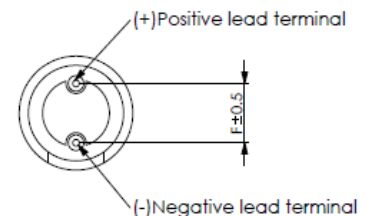
Specification

| 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 (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 | 10X20 | 130 | 230 | 0.024 | 0.0044 | 1.7390 | 2.8064 | 1089 | 2268 | 2.899 | 0.60 | 10.00 | 2.5 | PT2R3605M1020 |

