

● Features

1. High power V.S batteries
2. Energy efficiency
3. Smaller and lighter weight products



● Recommended Applications

1. UPS system
2. Cycle light
3. Automated meters, portable device

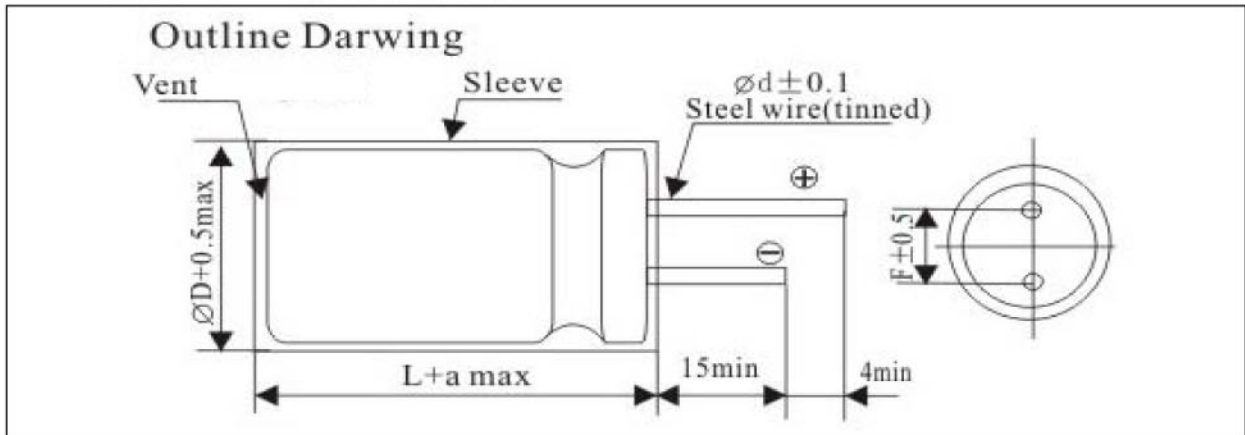
● Specifications

| Item | Performance | |
|------------------------------------|--|---|
| Category temp. range | -25 °C to +60 °C | |
| Rated voltage | 2.5 V .DC | |
| Capacitance | 4 F to 100 F | |
| Capacitance tolerance | -20 % to +30 % | |
| Characteristics at low temperature | Capacitance Change | Within ±30% of initial measured value at +25°C (-25°C to +60°C) |
| | Internal resistance | Within 4 times of initial measured value at +25°C (at -25°C) |
| Endurance | After 500 hours application of 2.5V. DC at +60°C, the capacitor shall meet the following limits. | |
| | Capacitance Change | Within ±30% of initial measured value |
| | Internal resistance | Within 2 times of initial specified value |
| Shelf Life | After 500 hours storage at +60°C without load, the capacitor shall meet the specified limits for Endurance. | |
| Humidity Test | After 500 hour storage at 40±2°C · 90 to 95% R.H, the capacitor shall meet the specified limits for Endurance. | |

Series : WPS

Electric Double Layer Capacitor [HI-CAP]

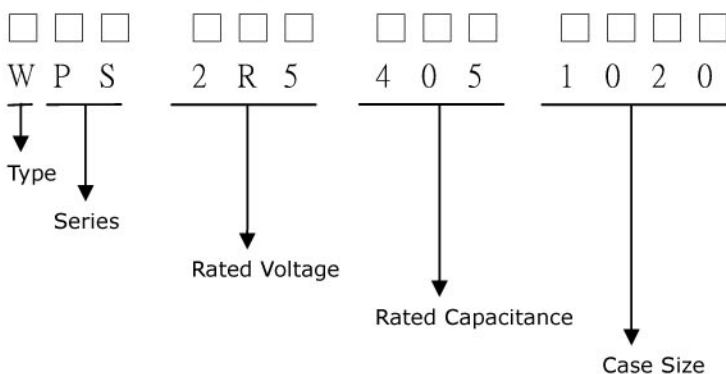
● Dimension in mm(not to scale)



● Standard Products

| Max Operating Voltage (V.DC) | Capacitance (F) | ESR/DC (mΩ) | IR /AC 1kHz (mΩ) | Size(mm) | | | | Parts No. |
|------------------------------|-----------------|-------------|------------------|----------|------|-----|----|---------------|
| | | | | φD | L | φ d | F | |
| 2.5V | ▶ 4.0 | 400 | 300 | 10 | 20 | 0.6 | 5 | WPS2R54051020 |
| | ▶ 8.0 | 300 | 200 | 12.5 | 25 | 0.6 | 5 | WPS2R58051225 |
| | ▶ 10 | 180 | 120 | 12.5 | 31 | 0.8 | 5 | WPS2R51061231 |
| | ▶ 22 | 150 | 100 | 12.5 | 35.5 | 0.8 | 5 | WPS2R52261235 |
| | ▶ 22 | 150 | 100 | 16 | 31.5 | 0.8 | 8 | WPS2R52261631 |
| | ▶ 50 | 100 | 80 | 18 | 40 | 1.0 | 8 | WPS2R55061840 |
| | ▶ 100 | 100 | 80 | 22 | 45 | 1.0 | 10 | WPS2R51072245 |

● Part Number System



● Typical Package

| Size(mm) | | Qty. |
|----------|------|------|
| φD | L | |
| 10 | 20 | 200 |
| 12.5 | 25 | 100 |
| 12.5 | 31 | 100 |
| 12.5 | 35.5 | 50 |
| 16 | 31.5 | 50 |
| 18 | 40 | 50 |
| 22 | 45 | 50 |

REV01/05

Design, Specifications are subject to change without notice.. Ask factory for technical specifications before purchase and/or use. Whenever a doubt about safety arises from this product, please inform us immediately for technical consultation without fail.