

DH Axial Type, Standard Series

- High Power Density
- Rapid charge and discharge
- Ultra-low internal resistance

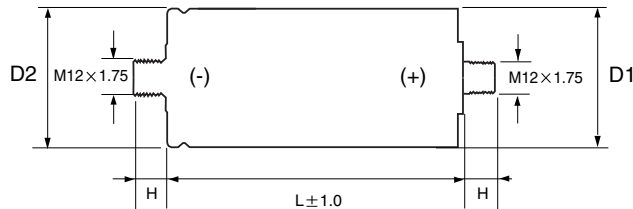
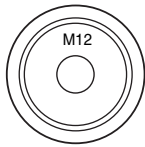


| Item | Characteristics | |
|-------------------------------------|---|--|
| Operating temperature range | -40 ~ +65°C | |
| Rated Voltage | 2.7 VDC | |
| Capacitance tolerance | 0% ~ +20% | |
| Temperature characteristics | Capacitance change | Within ±5% of initial value at +20°C |
| | Internal resistance change | Within 100% of initial value at +20°C |
| Endurance (65°C) | Test time | 1500 hours |
| | Capacitance change | Within ±20% of specified value |
| | Internal resistance change | Less than 100% of specified value |
| Shelf life (65°C) | After 1500 hours no load test same as endurance | |
| Life Time at RT ⁽¹⁾ | 10 years | (1) IΔCI < 20% and ΔESR < 100% of specified value, respectively and LC < specified value |
| Cycle Life (25°C) ⁽¹⁾⁽²⁾ | 1,000,000 cycles | (2) Cycle : between rated voltage and half rated voltage under constant current at 25°C |

● DRAWING

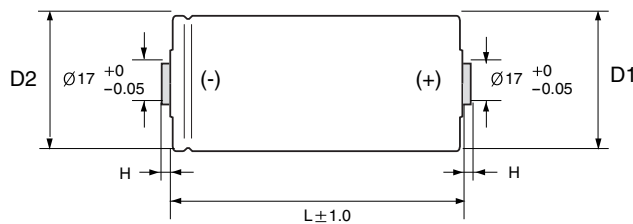
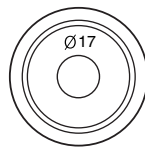
Unit : mm

Threaded Type



| Size (mm) | | |
|-----------|--------|--------|
| H | D1 | D2 |
| (±0.2) | (±0.2) | (±0.5) |
| 13.0 | ∅60.4 | ∅60.7 |

Weldable Type



| Size (mm) | | |
|-----------|--------|--------|
| H | D1 | D2 |
| (±0.2) | (±0.2) | (±0.5) |
| 3.0 | ∅60.4 | ∅60.7 |

● CHARACTERISTIC LIST & DIMENSIONS

| Rated Voltage | Capacitance (F) | ESR, 1KHz (mΩ) | ESR, DC (mΩ) | LC (72hr) (mA) | Max Continuous Current(A) | | Max Peak Current(A) | Specific Energy | | Weight (g) | Volume (ml) | Dimension ∅D×L(mm) |
|---------------|-----------------|----------------|--------------|----------------|---------------------------|---------|---------------------|-----------------|--------|------------|-------------|--------------------|
| | | | | | ΔT=15°C | ΔT=40°C | | (Wh/kg) | (Wh/L) | | | |
| 2.7 | 1200 | 0.30 | 0.33 | 2.7 | 98 | 159 | 1160 | 4.05 | 5.73 | 300 | 212 | 60.4 × 74 |
| | 1600 | 0.25 | 0.28 | 3.0 | 115 | 188 | 1492 | 4.76 | 6.65 | 340 | 244 | 60.4 × 85 |
| | 2000 | 0.24 | 0.27 | 4.0 | 126 | 206 | 1753 | 5.06 | 6.93 | 400 | 292 | 60.4 × 102 |
| | 3000 | 0.20 | 0.23 | 5.0 | 150 | 245 | 2396 | 5.79 | 7.68 | 525 | 395 | 60.4 × 138 |
| | 3400 | 0.25 | 0.28 | 9.2 | 130 | 210 | 2351 | 6.50 | 8.71 | 530 | 395 | 60.4 × 138 |