

Features

- Small-sized, large capacity
- Wider temperature range(-25~70°C) than battery makes periodic change unnecessary

Applications

- Memory back-up for Video, Audio, Cameras, CCTV, Printer, Camcorder, Telephones, Car stereo, e-meter, toy, Computer, Notebook PC, Rice cooker, home network etc



V-TYPE



H-TYPE

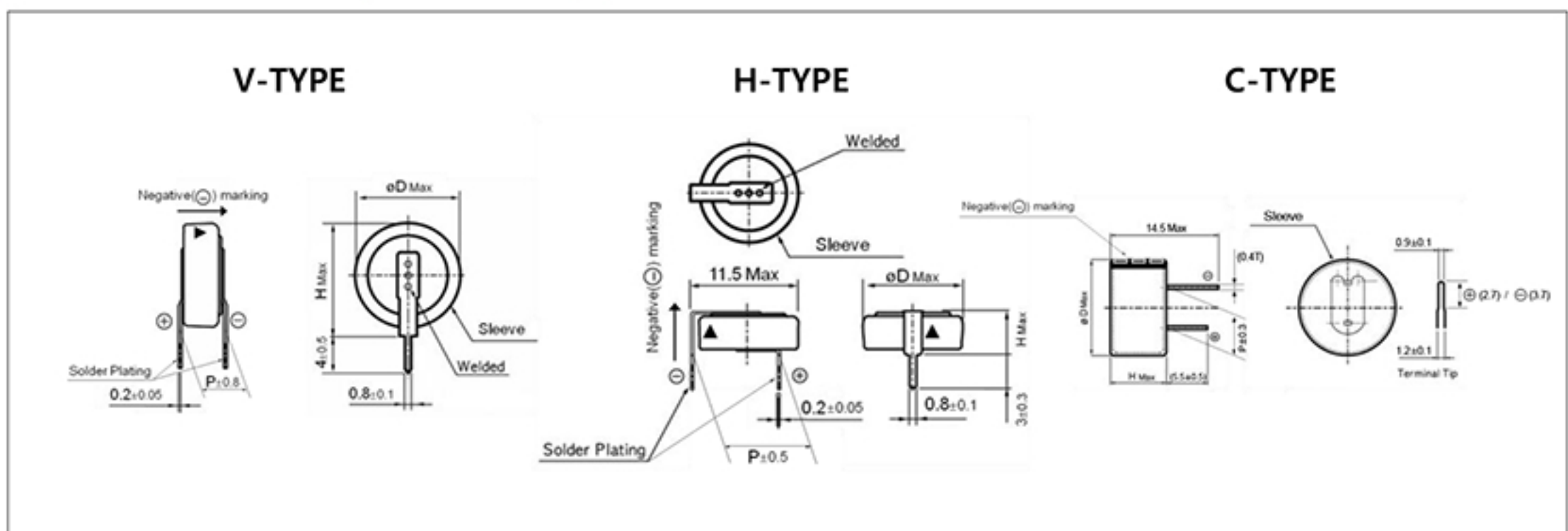


C-TYPE

Specifications

| Items | Characteristics |
|--|--|
| Rated working voltage | 5.5VDC |
| Operating temperature | -25 to +70°C |
| Nominal Cap. range | 0.047 to 0.22F |
| Capacitance tolerance | -20% to +80%(at 25°C) |
| Low temperature(-25°C) characteristics | Capacitance change : $\leq 50\%$ of the initial value at +25°C Internal resistance : Less than five times of the initial value at +25°C |
| Endurance | After 1,000hours application of rated DC working voltage at +70°C, the capacitor shall meet the following limits. <ul style="list-style-type: none"> • Capacitance change : $\pm 30\%$ of the initial value • Internal resistance : Less than four times of the initial value |
| Shelf life | After 1,000hours storage at +70°C without load, the capacitor shall meet the specified limit for "Endurance" |

Dimensions in mm(not to scale)



Standard products

| Part Number | Operating Voltage (V) | Capacitance (F) | ESR (Ω , @1kHz) | V type(mm) | | | H type(mm) | | | C type(mm) | | |
|-------------|-----------------------|-----------------|-------------------------|------------|------|-----|------------|-----|------|------------|-----|-----|
| | | | | ΦD | H | P | ΦD | H | P | ΦD | H | P |
| DCM 5R5 473 | 5.5 | 0.047 | ≤ 75 | 10.8 | 13.0 | 5.0 | 10.8 | 6.0 | 10.0 | 13.5 | 7.0 | 5.0 |
| DCM 5R5 104 | | 0.10 | ≤ 75 | 10.8 | 13.0 | 5.0 | 10.8 | 6.0 | 10.0 | 13.5 | 7.0 | 5.0 |
| DCM 5R5 224 | | 0.22 | ≤ 75 | 10.8 | 13.0 | 5.0 | 10.8 | 6.0 | 10.0 | 13.5 | 7.0 | 5.0 |

Note : It is not allowed to go through reflow (IR, Atmosphere heating methods etc.) process