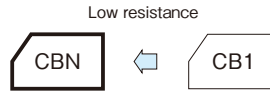




Code in front of series have been extracted from product code, which describes the segment of products, such as type and features.

- Internal resistance was reduced to about 1/3 ( $\phi 13.5$ ), compared with CB1 series.
- It excels in rapid charge.
- Environmental : GREEN CAP™, RoHS compliance.



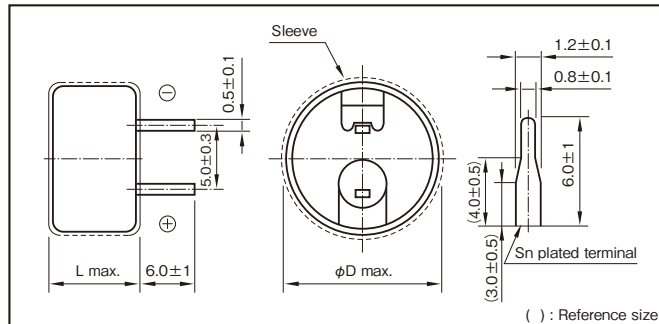
Marking color : White print on an indigo sleeve

### Specifications

| Item                                           | Performance                                 |  |                                                   |     |      |      |             |             |    |     |
|------------------------------------------------|---------------------------------------------|--|---------------------------------------------------|-----|------|------|-------------|-------------|----|-----|
| Category temperature range (°C)                | -25 to +70                                  |  |                                                   |     |      |      |             |             |    |     |
| Tolerance at rated capacitance (%)             | -20 to +80                                  |  |                                                   |     |      |      |             |             |    |     |
| Internal resistance<br>at 1 kHz                | Rated capacitance (F)                       |  | 0.047                                             | 0.1 | 0.22 | 0.33 | 0.47        | 0.47        | 1  | 1.5 |
|                                                | Internal resistance (Ω Max.)                |  | 25                                                | 25  | 25   | 25   | 25 (φ 13.5) | 20 (φ 21.5) | 20 | 20  |
| Characteristics at high<br>and low temperature | Percentage of capacitance change            |  | Within ±30% of the value at 20°C                  |     |      |      |             |             |    |     |
|                                                | Internal resistance                         |  | Five times or less of the value at 20°C           |     |      |      |             |             |    |     |
| Endurance (70°C)                               | Test time                                   |  | 1000 hours                                        |     |      |      |             |             |    |     |
|                                                | Percentage of capacitance change            |  | Within ±30% of the initial measured value         |     |      |      |             |             |    |     |
|                                                | Internal resistance                         |  | Four times or less of the initial specified value |     |      |      |             |             |    |     |
| Shelf life (70°C)                              | Test time : 1000 hours ; Same as endurance. |  |                                                   |     |      |      |             |             |    |     |
| Applicable standards                           | Conforms to JIS C5160 - 1 (IEC 62391 - 1)   |  |                                                   |     |      |      |             |             |    |     |

### Outline Drawing

Unit : mm



Product code system : 5.5V0.22F (\*For general product)

| RS*           | CBN         | 224              | 5R5          | G07       | 014                           | T               |
|---------------|-------------|------------------|--------------|-----------|-------------------------------|-----------------|
| Category code | Series code | capacitance code | Voltage code | Size code | Lead-forming and packing code | Additional code |

- Product code is refer to following table and "Product Code System" pages.
- Lead-forming and packing code on this page are for standard terminals and standard packing products.

For standard packing, please refer to the "PACKING" page.

### Standard Ratings

| Max. operating voltage (V) | Rated capacitance (F) | ELNA Parts No.      | $\phi D \times L$ (mm) |
|----------------------------|-----------------------|---------------------|------------------------|
| 5.5                        | 0.047                 | RSCBN4735R5G07014T  | 13.5×7.5               |
| 5.5                        | 0.1                   | RSCBN1045R5G07014T  | 13.5×7.5               |
| 5.5                        | 0.22                  | RSCBN2245R5G07014T  | 13.5×7.5               |
| 5.5                        | 0.33                  | RSCBN3345R5G07014T  | 13.5×7.5               |
| 5.5                        | 0.47                  | RSCBN4745R5G07014ST | 13.5×7.5               |
| 5.5                        | 0.47                  | RSCBN4745R5L08015T  | 21.5×8.0               |
| 5.5                        | 1                     | RSCBN1055R5L08015T  | 21.5×8.0               |
| 5.5                        | 1.5                   | RSCBN1555R5L08015T  | 21.5×8.0               |

\*It can discharge with 1.5 times as much current (mA) as rated capacitance.