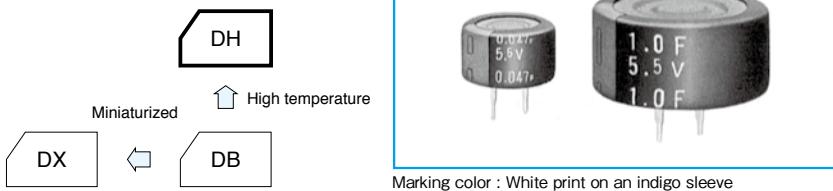


**High Temperature Capacitors**

GREEN CAP 85°C

- High temperature tolerant ( $-25$  to  $+85^\circ\text{C}$ ) and highly reliable.
- Ideal for backing up of controls, electronic rice cooking jars, home bakeries and the like.

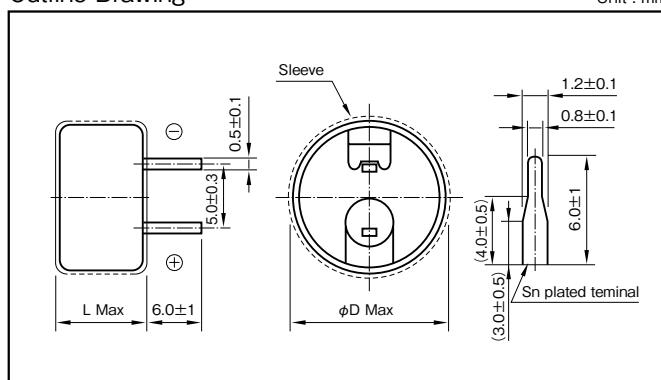


**Specifications**

| Item  | Performance                                     |   |     |      |      |      |    |  |  |  |  |  |  |
|---|---|---|-----|------|------|------|----|--|--|--|--|--|--|
| Category temperature range (°C)             | -25 to +85                                      |   |     |      |      |      |    |  |  |  |  |  |  |
| Tolerance at rated capacitance (%)          | -20 to +80                                      |   |     |      |      |      |    |  |  |  |  |  |  |
| Internal resistance at 1 kHz                | Rated capacitance (F)                           | 0.047   | 0.1 | 0.22 | 0.47 | 0.68 | 1  |  |  |  |  |  |  |
|   | Internal resistance (Ω Max.)                    | 300   | 200 | 120  | 50   | 50   | 30 |  |  |  |  |  |  |
| Characteristics at high and low temperature | Percentage of capacitance change                | Within $\pm 30\%$ of the value at $20^\circ\text{C}$    |     |      |      |      |    |  |  |  |  |  |  |
|   | Internal resistance                             | Less than five times of the value at $20^\circ\text{C}$ |     |      |      |      |    |  |  |  |  |  |  |
| Endurance (85°C)                            | Test time                                       | 1000 hours  |     |      |      |      |    |  |  |  |  |  |  |
|   | Percentage of capacitance change                | Within $\pm 30\%$ of the initial measured value         |     |      |      |      |    |  |  |  |  |  |  |
|   | Internal resistance                             | Less than four times of the initial specified value     |     |      |      |      |    |  |  |  |  |  |  |
| Shelf life (85°C)                           | Test time : 1000 hours ; Same as endurance.     |   |     |      |      |      |    |  |  |  |  |  |  |
| Applicable standards                        | Conforms to JIS C5160-1 2009 (IEC 62391-1 2006) |   |     |      |      |      |    |  |  |  |  |  |  |

**Outline Drawing**

Unit : mm



**Part numbering system (example : 5.5V0.1F)**

|             |   |                              |   |                          |   |
|-------------|---|------------------------------|---|--------------------------|---|
| DH          | — | 5R5                          | D | 104                      | T |
| Series code | — | Max.operating voltage symbol | — | Rated capacitance symbol |   |

Part number is refer to following table.

**Standard Ratings**

| Max. operating voltage (V) | Rated capacitance (F) | ELNA Parts No. | φD×L (mm) |
|----------------------------|-----------------------|----------------|-----------|
| 5.5                        | 0.047                 | DH-5R5D473T    | 13.5×9.5  |
| 5.5                        | 0.1                   | DH-5R5D104T    | 13.5×9.5  |
| 5.5                        | 0.22                  | DH-5R5D224T    | 13.5×9.5  |
| 5.5                        | 0.47                  | DH-5R5D474T    | 21.5×9.5  |
| 5.5                        | 0.68                  | DH-5R5D684T    | 21.5×9.5  |
| 5.5                        | 1                     | DH-5R5D105T    | 21.5×9.5  |

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Elna:

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