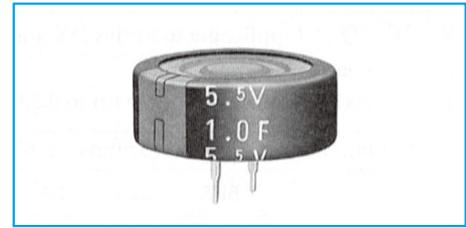


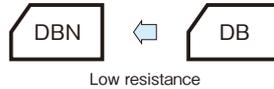
5.5V Standard Capacitors Series DB

GREEN CAP 70°C

- Small-sized, large capacity, excellent voltage holding.
- For all ratings, uniform 5mm pitch of terminal spacing.
- Wider temperature range (-25 to +70°C) than battery.
- $\phi 21.5 \times 7.5$ \emptyset size can encase up to 1.5F.
- Ideal for backing up of CMOS's, IC's, microcomputers, RAM's, RTC's and the like used in Video's, tuners, TV sets, telephone sets and others.



Marking color : White print on an indigo sleeve

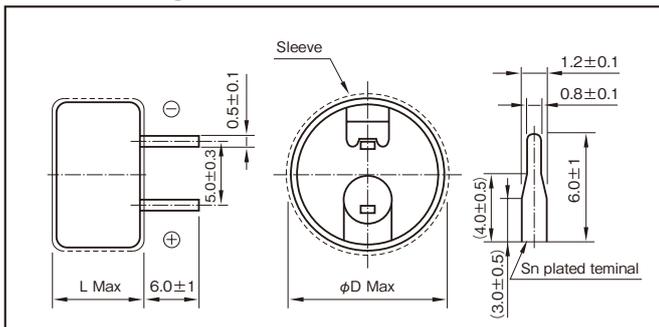


Specifications

| Item | Performance | | | | | | | |
|---|---|--|-----|------|------|------|-----|-----|
| Category temperature range (°C) | -25 to +70 | | | | | | | |
| Tolerance at rated capacitance (%) | -20 to +80 | | | | | | | |
| Internal resistance at 1 kHz | Rated capacitance (F) | 0.047 | 0.1 | 0.22 | 0.33 | 0.47 | 1.0 | 1.5 |
| | Internal resistance (Ω) | 120 | 75 | 75 | 75 | 30 | 30 | 30 |
| Characteristics at high and low temperature | Percentage of capacitance change | Within $\pm 30\%$ of the value at 20°C | | | | | | |
| | Internal resistance | Less than five times of the value at 20°C | | | | | | |
| Endurance (70°C) | Test time | 1000 hours | | | | | | |
| | Percentage of capacitance change | Within $\pm 30\%$ of the initial measured value | | | | | | |
| | Internal resistance | Within four times of the initial specified value | | | | | | |
| Shelf life (70°C) | Test time : 1000 hours ; Same as endurance. | | | | | | | |
| Applicable standards | Conforms to JIS C5160-1 2009 (IEC 62391-1 2006) | | | | | | | |

Outline Drawing

Unit : mm



Standard Ratings

| Max. operating voltage (V) | Rated capacitance (F) | ELNA Parts No. | $\phi D \times L$ (mm) |
|----------------------------|-----------------------|----------------|------------------------|
| 5.5 | 0.047 | DB-5R5D473T | 13.5×7.5 |
| 5.5 | 0.1 | DB-5R5D104T | 13.5×7.5 |
| 5.5 | 0.22 | DB-5R5D224T | 13.5×7.5 |
| 5.5 | 0.33 | DB-5R5D334T | 13.5×7.5 |
| 5.5 | 0.47 | DB-5R5D474T | 21.5×8.0 |
| 5.5 | 1.0 | DB-5R5D105T | 21.5×8.0 |
| 5.5 | 1.5 | DB-5R5D155T | 21.5×8.0 |

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

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

Part number is refer to above table.

5.5V Low Resistance Series DBN

GREEN CAP 70°C Low ESR

- Internal resistance was reduced to 85% to DB series.
- It excels in rapid charge.

Specifications

| Item | Performance | | | | | | | |
|---|---|--|-----|------|------|------|-----|--|
| Category temperature range (°C) | -25 to +70 | | | | | | | |
| Tolerance at rated capacitance (%) | -20 to +80 | | | | | | | |
| Internal resistance at 1 kHz | Rated capacitance (F) | 0.047 | 0.1 | 0.22 | 0.33 | 0.47 | 1.0 | |
| | Internal resistance (Ω) | 25 | 25 | 25 | 25 | 20 | 20 | |
| Characteristics at high and low temperature | Percentage of capacitance change | Within $\pm 30\%$ of the value at 20°C | | | | | | |
| | Internal resistance | Less than five times of the value at 20°C | | | | | | |
| Endurance (70°C) | Test time | 1000 hours | | | | | | |
| | Percentage of capacitance change | Within $\pm 30\%$ of the initial measured value | | | | | | |
| | Internal resistance | Within four times of the initial specified value | | | | | | |
| Shelf life (70°C) | Test time : 1000 hours ; Same as endurance. | | | | | | | |
| Applicable standards | Conforms to JIS C5160-1 2009 (IEC 62391-1 2006) | | | | | | | |

Standard Ratings

| Max. operating voltage (V) | Rated capacitance (F) | ELNA Parts No. | $\phi D \times L$ (mm) |
|----------------------------|-----------------------|----------------|------------------------|
| 5.5 | 0.047 | DBN-5R5D473T | 13.5×7.5 |
| 5.5 | 0.1 | DBN-5R5D104T | 13.5×7.5 |
| 5.5 | 0.22 | DBN-5R5D224T | 13.5×7.5 |
| 5.5 | 0.33 | DBN-5R5D334T | 13.5×7.5 |
| 5.5 | 0.47 | DBN-5R5D474T | 21.5×8.0 |
| 5.5 | 1.0 | DBN-5R5D105T | 21.5×8.0 |

Part numbering system (example : 5.5V0.047F)

| | | | | | |
|-------------|---|------------------------------|---|--------------------------|---|
| DBN | — | 5R5 | D | 473 | T |
| Series code | | Max.operating voltage symbol | | Rated capacitance symbol | |

Part number is refer to above table.