

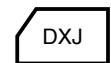
5.5V Miniaturized High Temperature Capacitors

GREEN CAP

85°C

- High temperature type of Series DX.
- 5mm tall. Max. thin profile (H-shaped).
- Miniaturized but can encase up to 0.33F in $\phi 11.5$ case, and 1.0F in $\phi 19.0$ case.
- Ideal for backing up of CMOS's, IC's of camera, microcomputers, RAM's, RTC's and the like used in audio, general electronic device, and others.

High temperature



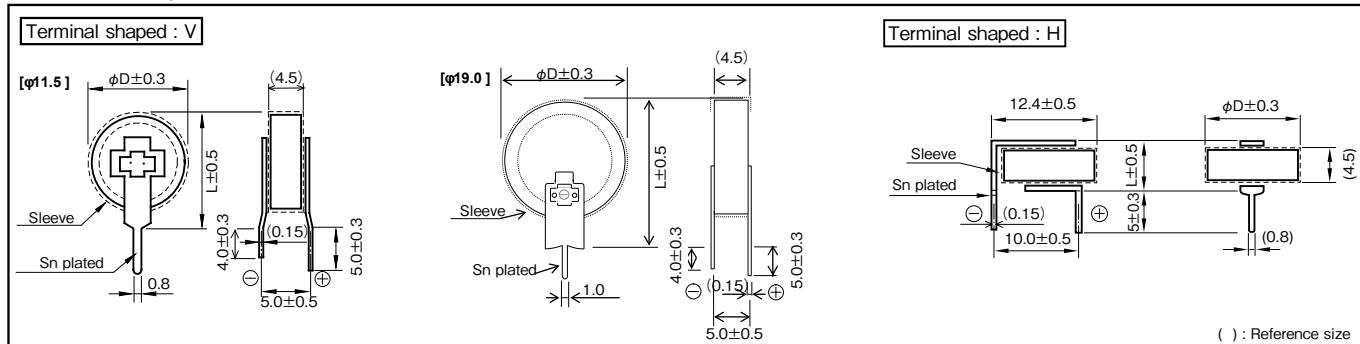
Marking color : White print on a black sleeve

Specifications

| Item | Performance | | | | | | | | | | |
|---|---|--|-----|------|------|----|--|--|--|--|--|
| Category temperature range (°C) | -10 to +85 | | | | | | | | | | |
| Tolerance at rated capacitance (%) | -20 to +80 | | | | | | | | | | |
| Internal resistance at 1 kHz | Rated capacitance (F) | 0.047 | 0.1 | 0.22 | 0.33 | 1 | | | | | |
| | Internal resistance (Ω Max.) | 200 | 150 | 150 | 150 | 75 | | | | | |
| Characteristics at high and low temperature | Percentage of capacitance change | Within $\pm 30\%$ of the value at 20°C | | | | | | | | | |
| | Internal resistance | Four times or less of the initial specified value. | | | | | | | | | |
| Endurance (85°C) | Test time | 1000 hours | | | | | | | | | |
| | Percentage of capacitance change | Within $\pm 30\%$ of the initial measured value | | | | | | | | | |
| | Internal resistance | Four times or less of the initial specified value. | | | | | | | | | |
| Shelf life (85°C) | Test time : 1000 hours ; Same as endurance. | | | | | | | | | | |
| Applicable standards | Conforms to JIS C5160-1 (IEC 62391-1) | | | | | | | | | | |

Outline Drawing

Unit : mm



Part numbering system (example : 5.5V0.22F)

| | | | | | | |
|-------------|------------------------------|---------------|--------------------------|-------------------|--------------------------|---|
| DXJ | — | 5R5 | <input type="checkbox"/> | 224 | <input type="checkbox"/> | U |
| Series code | Max.operating voltage symbol | Terminal code | Rated Capacitance symbol | Additional symbol | | |

Note

Do not apply external force to products or terminals as stress such as twisting, bending, pushing, or falling of such products or terminals may remove the terminals, resulting in an open/short circuit or liquid leakage.
Avoid applying excessive heat to capacitors during heating of an adhesive curing oven. For details, refer to the precautions in use of DYNACAP.

Part number is refer to following table.

Standard Ratings

| Max. operating voltage (V) | Rated capacitance (F) | ELNA Parts No. | $\phi D \times L$ (mm) |
|----------------------------|-----------------------|----------------|------------------------|
| 5.5 | 0.047 | DXJ-5R5V473U | 11.5×13.0 |
| | | DXJ-5R5H473U | 11.5× 5.0 |
| 5.5 | 0.1 | DXJ-5R5V104U | 11.5×13.0 |
| | | DXJ-5R5H104U | 11.5× 5.0 |
| 5.5 | 0.22 | DXJ-5R5V224U | 11.5×13.0 |
| | | DXJ-5R5H224U | 11.5× 5.0 |
| 5.5 | 0.33 | DXJ-5R5V334U | 11.5×13.0 |
| | | DXJ-5R5H334U | 11.5× 5.0 |
| 5.5 | 1 | DXJ-5R5V105U | 19.0×20.5 |

NOTE : Design, Specifications are subject to change without notice.
It is recommended that you shall obtain technical specifications from ELNA to ensure that the component is suitable for your use.