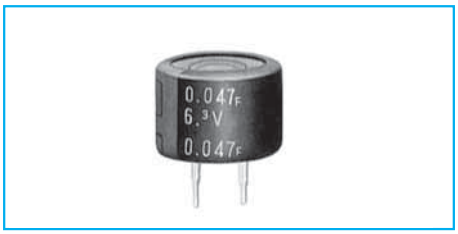
High Voltage Tolerance Capacitors

GREEN CAP | 70°C

- High voltage tolerant (6.3V guaranteed) and highly reliable.
- Ideal for backing up of Li-battery-backed equipment such as cameras, video and telephone sets.

Miniaturized ⇦ DX | DB | DK ⇨ High voltage tolerant



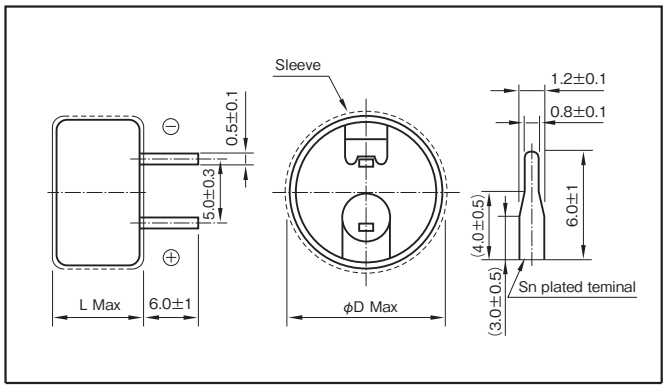
Marking color : White print on an indigo sleeve

Specifications

Item	Performance
Category temperature range (℃)	−25 to +70
Tolerance at rated capacitance (%)	−20 to +80
Internal resistance at 1 kHz	Rated capacitance (F): 0.047 / 0.1 / 0.47 / 0.68 / 1.0 Internal resistance (Ω): 300 / 200 / 50 / 50 / 30
Characteristics at high and low temperature	Percentage of capacitance change: Within ±30% of the value at 20℃ Internal resistance: less than five times of the value at 20℃
Endurance (70℃)	Test time: 1000 hours Percentage of capacitance change: Within ±30% of the initial measured value Internal resistance: Less than four times of the initial specified value
Shelf life (70℃)	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 : 6.3V0.1F)

DK	—	6R3	D	104	T
Series code		Max.operating voltage symbol		Rated capacitance symbol	

Part number is refer to below table.

Standard Ratings

Max. operating voltage (V)	Rated capacitance (F)	ELNA Parts No.	φD×L (mm)
6.3	0.047	DK-6R3D473T	13.5×9.5
6.3	0.1	DK-6R3D104T	13.5×9.5
6.3	0.47	DK-6R3D474T	21.5×9.5
6.3	0.68	DK-6R3D684T	21.5×9.5
6.3	1.0	DK-6R3D105T	21.5×9.5

NOTE
Design, Specifications are subject to change without notice.
Ask factory for technical specifications before purchase and/or use.