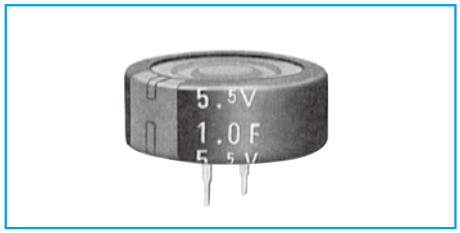
5.5V Standard Capacitors

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.
- φ21.5×8.0Lmm size can encase up to 1.5F.
- 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.

DB



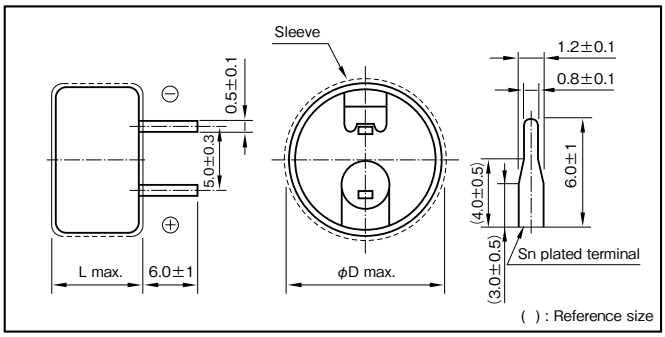
Marking color : White print on an indigo sleeve

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	0.22	0.33	0.47	0.47	1	1.5
	Internal resistance (Ω Max.)	120	75	75	75	75(φ13.5)	30(φ21.5)	30	30
Characteristics at high and low temperature	Percentage of capacitance change	Within ±30% of the value at 20℃							
	Internal resistance	Five times or less of the value at 20℃							
Endurance (70℃)	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℃)	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)

DB	—	5R5	D	224	⬚	T
Series code		Max. operating voltage symbol		Reted capacitance symbol	Additional 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	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-5R5D474ST	13.5×7.5
5.5	0.47	DB-5R5D474T	21.5×8.0
5.5	1	DB-5R5D105T	21.5×8.0
5.5	1.5	DB-5R5D155T	21.5×8.0

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.