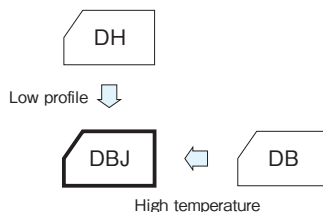


5.5V Low profile and high temperature Capacitors

GREEN
CAP

85°C

- High temperature type of series DB.
- Small-sized, large capacity, excellent voltage holding.
- For all ratings, uniform 5mm pitch of terminal spacing.
- $\phi 13.5 \times 7.5$ e size can encase up to 1F.
- 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.



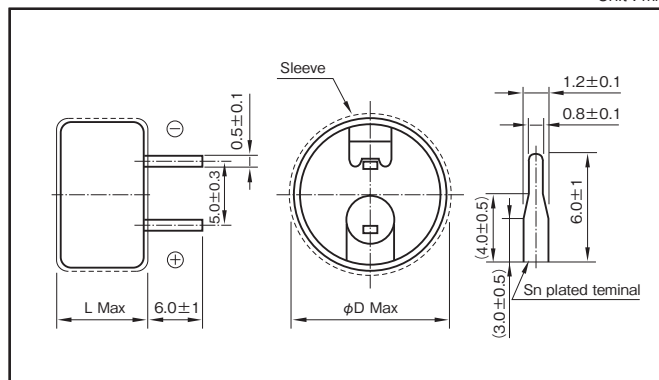
Marking color : White print on a black sleeve

Specifications

Item	Performance																											
Category temperature range (°C)	−10 to +85																											
Tolerance at rated capacitance (%)	−20 to +80																											
Internal resistance at 1 kHz	<table><tr><td>Rated Capacitance (F)</td><td>0.047</td><td>0.1</td><td>0.22</td><td>0.33</td><td>0.47</td><td>1.0</td></tr><tr><td>Internal resistance (Ω)</td><td>200</td><td>150</td><td>150</td><td>150</td><td>100</td><td>75</td></tr></table>							Rated Capacitance (F)	0.047	0.1	0.22	0.33	0.47	1.0	Internal resistance (Ω)	200	150	150	150	100	75							
	Rated Capacitance (F)	0.047	0.1	0.22	0.33	0.47	1.0																					
Internal resistance (Ω)	200	150	150	150	100	75																						
Characteristics at high and low temperature	<table><tr><td>Percentage of capacitance change</td><td colspan="6">Within ±30% of the value at 20°C</td></tr><tr><td>Internal resistance</td><td colspan="6">Within four times of the initial specified value</td></tr></table>							Percentage of capacitance change	Within ±30% of the value at 20°C						Internal resistance	Within four times of the initial specified value												
	Percentage of capacitance change	Within ±30% of the value at 20°C																										
Internal resistance	Within four times of the initial specified value																											
Endurance (85°C)	<table><tr><td>Test time</td><td colspan="6">1000 hours</td></tr><tr><td>Percentage of capacitance change</td><td colspan="6">Within ±30% of the initial measured value</td></tr><tr><td>Internal resistance</td><td colspan="6">Less than four times of the initial specified value</td></tr></table>							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					
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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)

DBJ	—	5R5	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.	$\phi D \times L$ (mm)
5.5	0.047	DBJ-5R5D473T	13.5×7.5
5.5	0.1	DBJ-5R5D104T	13.5×7.5
5.5	0.22	DBJ-5R5D224T	13.5×7.5
5.5	0.33	DBJ-5R5D334T	13.5×7.5
5.5	0.47	DBJ-5R5D474T	21.5×8.0
5.5	1.0	DBJ-5R5D105T	21.5×8.0

NOTE

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