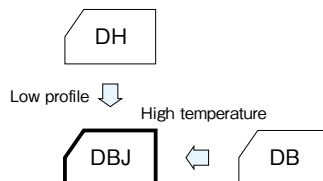


5.5V Low Profile and High Temperature Capacitors

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.
- $\phi 13.5 \times 7.5$ L size can encase up to 0.33F.
- 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.



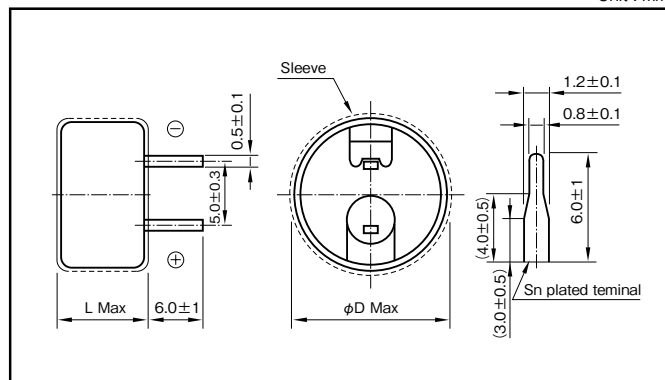
Marking color : White print on a black sleeve

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</td></tr><tr><td>Internal resistance (Ω Max.)</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	Internal resistance (Ω Max.)	200	150	150	150	100	75							
	Rated capacitance (F)	0.047	0.1	0.22	0.33	0.47	1																					
Internal resistance (Ω Max.)	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">Less than four times of the initial specified value.</td></tr></table>							Percentage of capacitance change	Within ±30% of the value at 20°C						Internal resistance	Less than four times of the initial specified value.												
	Percentage of capacitance change	Within ±30% of the value at 20°C																										
Internal resistance	Less than 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					
	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 (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 following table.

Standard Ratings

Max. operating voltage (V)	Rated capacitance (F)	ELNA Parts No.	φD×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	DBJ-5R5D105T	21.5×8.0

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Elna:

[DBJ-5R5D224T](#)