## **ELNA®** DYNACAP – Double Layer Capacitor

## **DB Series**

Has a total withstand voltage rating of 5.5V. Utilizing ELNA's unique flat spring technology, which enhances the reliability of the internal coin cells, this series is ideal for a wide range of applications from consumer appliances to sophisticated instrumentation.



## Construction and Dimensions



Specifications	Performance						
Temperature range (°C)	-25 to +70						
Capacitance tolerance (%)	-20 to +80						
Internal resistance at 1KHz	Capacitance (F)	0.047	0.1	0.22	0.33	0.47	1.0
	Internal resistance ( $\Omega$ )	120	75	75	75	30	30
Stability at low & high	Change in capacitance		Within ±30% of value at 20°C				
temperature	Internal resistance		Less than five times of the value at $20^{\circ}\text{C}$				
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Endurance (70°C)	Test time		1000 hrs				
	Change in capacitance		Within $\pm 30\%$ of the initial measured value				
	Internal resistance		Within four times the initial specified value				
Max. storage temp. (70°C)	Test time 1000hrs. Same as Endurance						

ELNA Part No.	Rated Volt (V)	Capacitance (F)	Internal Resistance (Ω)						
DB-5R5D473	5.5	0.047	≤120						
DB-5R5D104	5.5	0.1	≤75						
DB-5R5D224	5.5	0.22	≤75						
DB-5R5D334	5.5	0.33	≤75						
DB-5R5D474	5.5	0.47	≤30						
DB-5R5D105	5.5	1.0	≤30						

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