

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

CAP (F)	∅D x L (mm)
0.047 0.1 0.22 0.33	13.5 x 7.5
0.47 1.0	21.5 x 8.0

Unit: mm

Only Available in L Shape Terminal Lead

Specifications	Performance														
Temperature range (°C)	-25 to +70														
Capacitance tolerance (%)	-20 to +80														
Internal resistance	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Capacitance (F)</th> <th>0.047</th> <th>0.1</th> <th>0.22</th> <th>0.33</th> <th>0.47</th> <th>1.0</th> </tr> </thead> <tbody> <tr> <td>Internal resistance (Ω)</td> <td>120</td> <td>75</td> <td>75</td> <td>75</td> <td>30</td> <td>30</td> </tr> </tbody> </table>	Capacitance (F)	0.047	0.1	0.22	0.33	0.47	1.0	Internal resistance (Ω)	120	75	75	75	30	30
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Max. storage temp. (70°C)	Test time 1000hrs. Same as Endurance														

Standard Ratings

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