

5.5V Standard Capacitors Series DB



DX

- Small-sized, large capacity, excellent voltage holding.
- For all ratings, uniform 5mm pitch of terminal spacing.
- Wider temperature range(-25~+70°C) than battery makes periodic change unnecessary.
- \emptyset 13.5x7.5 ℓ size can encase up to 0.33F.
- Ideal for backing up of CMOS's, microcomputers, RAM's and the like used in VCR's, tuners, TV sets, telephone sets and others.









Low resistance



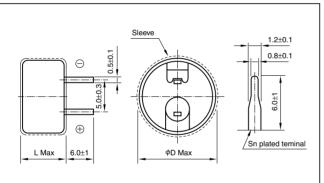
Marking color: White print on an indigo sleeve

Specifications

Item	Performance							
Category temperature range (°C)	-25 to +70							
Tolerance at rated capacitance (%)	-20 to +80							
Internal resistance	Rated Capacitance (F)	0.047	0.1	0.22	0.33	0.47	1.0]
at 1 kHz	Internal resistance (Ω)	120	75	75	75	30	30]
Characteristics at high and low temperature	Percentage of capacitance change Within ±30% of the value at 20°C Internal resistance Less than five times of the value at 20°C]			
Endurance (70°C)	Test time Percentage of capacitance change Internal resistance	of capacitance change Within ±30% of the initial measured value						
Shelf life (70°C)	Test time:1000 hours; Same as endurance.							

Outline Drawing





Standard Ratings

Max. operating voltage(V)	Rated capacitance(F)	ELNA Parts No.	ø DxL(mm)	
5.5	0.047	DB-5R5D473T	13.5x7.5	
5.5	0.1	DB-5R5D104T	13.5x7.5	
5.5	0.22	DB-5R5D224T	13.5x7.5	
5.5	0.33	DB-5R5D334T	13.5x7.5	
5.5	0.47	DB-5R5D474T	21.5x8.0	
5.5	1.0	DB-5R5D105T	21.5x8.0	

Part numbering system (example: 5.5V0.1F)					
DB	_	5R5	D	104	Т
Series code		Rated voltage symbol		Rated capacitance symbol	

Part number is refer to above table.

5.5V Low Resistance

Series DBN







- Internal resistance was reduced to 1/3 to DB series.
- It excels in rapid charge.

Specifications

Opcomodions					
Item	Performance				
Category temperature range (°C)	-25 to +70				
Tolerance at rated capacitance (%)	-20 to +80				
Internal resistance	Rated Capacitance (F)	0.1			
at 1 kHz	Internal resistance (Ω)	25			
Characteristics at high and low temperature	Percentage of capacitance change Internal resistance	Within ±30% of the value at 20°C Less than five times of the value at 20°C			
and low temperature	internal resistance	Less than five times of the value at 20 C			
	Test time	1000 hours			
Endurance (70°C)	Percentage of capacitance change	Within ±30% of the initial measured value			
	Internal resistance	Within four times of the initial specified value			
Shelf life (70°C)	Test time:1000 hours; Same as endurance.				

Standard Ratings

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Max. operating voltage(V) Rated capacitance(F		Rated capacitance(F)	ELNA Parts No. ø DxL(mm)		
	5.5	0.1	DBN-5R5D104T	13.5x7.5	

Par	Part numbering system					
	DBN	_	5R5	D	104	Т
	Series code		Rated voltage symbol		Rated capacitance symbol	