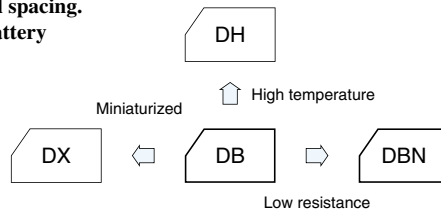


5.5V Standard Capacitors Series DB

- 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.
- $\phi 13.5 \times 7.5$ 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.

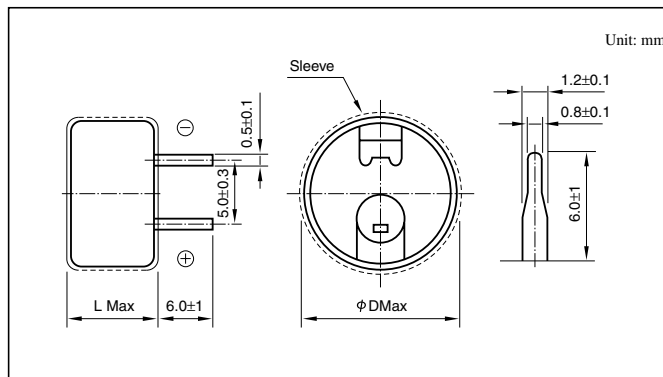


Marking color : White print on an indigo sleeve

Specifications

Item	Performance						
Category temperature range (°C)	−25 to +70						
Tolerance at rated capacitance (%)	−20 to +80						
Internal resistance at 1 kHz	Rated Capacitance (F)	0.047	0.1	0.22	0.33	0.47	1.0
	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	1000 hours					
	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.						

Outline Drawing



Standard Ratings

Max. operating voltage(V)	Rated capacitance(F)	ELNA Parts No.	φ 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)

Environmental item	DB Series code	—	5R5 Rated voltage symbol	D	104 Rated capacitance symbol	T
Former item	DB Series code	—	5R5 Rated voltage symbol	D	104 Rated capacitance symbol	

5.5V Low Resistance Series DBN

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

Specifications

Item	Performance	
Category temperature range (°C)	−25 to +70	
Tolerance at rated capacitance (%)	−20 to +80	
Internal resistance at 1 kHz	Rated Capacitance (F)	0.1
	Internal resistance (Ω)	25
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	1000 hours
	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

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

Part numbering system (example: 5.5V0.1μF)

Environmental item	DBN Series code	—	5R5 Rated voltage symbol	D	104 Rated capacitance symbol	T
Former item	DBN Series code	—	5R5 Rated voltage symbol	D	104 Rated capacitance symbol	

NOTE

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

Mouser Electronics

Authorized Distributor

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

Elna:

[DB-5R5D473](#) [DB-5R5D105](#) [DB-5R5D104](#)