

DB.GB

Bi-Polarized, For Speaker Network

series



For Audio Use



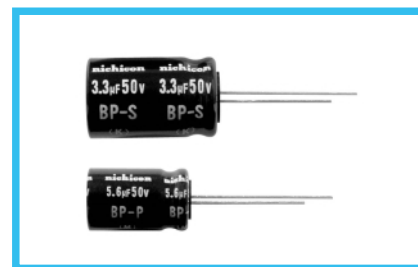
Bi-polarized

Anti-Solvent
Feature

- Bi-polarized series.
- Designed specifically for crossover networks in Hi-Fi sound systems.
- Compliant to the RoHS directive (2002/95/EC).

● GB series

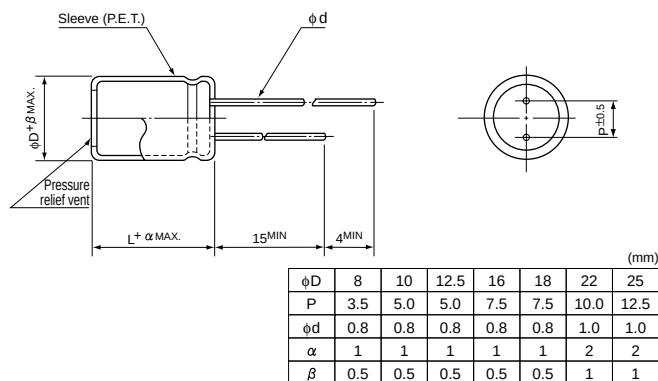
Products which are scheduled to be discontinued.
Not recommended for new designs



Specifications

Performance Characteristics	DB series	GB series
Category Temperature Range	-40 to +85°C	-40 to +85°C
Rated Voltage Range	50V	50V
Rated Capacitance Tolerance	±20% at 1kHz	±10% at 1kHz
Leakage Current (After 5 minutes' application of rated voltage)	Leakage current is not more than 0.03CV or 3 (µA), whichever is greater.	
Tangent of loss angle (tan δ) (1 kHz) (5 kHz)	0.10 or less 0.15 or less	0.05 or less 0.05 or less
Allowable Continuous Current (8Ω - fc)	Value in table or less	Value in table or less
Marking	Printed with white color letter on black sleeve.	

Radial Lead Type

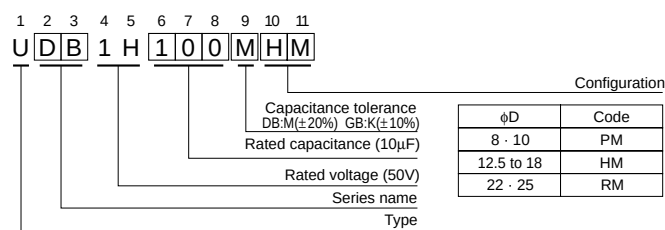


Dimensions

Cap. (µF)	Code	DB $\phi D \times L$ (mm)		GB $\phi D \times L$ (mm)		Rated ripple (mArms)	
		1H (50V)		Frequency (Hz)		DB	GB
1	010	8 × 11.5	10 × 20	20k		205	760
1.5	1R5	8 × 11.5	12.5 × 20	13k		245	800
2.2	2R2	10 × 12.5	12.5 × 20	9k		320	820
3.3	3R3	10 × 16	16 × 25	6k		400	850
4.7	4R7	10 × 20	16 × 25	4.2k		480	890
6.8	6R8	12.5 × 20	16 × 31.5	2.9k		540	920
10	100	12.5 × 25	18 × 35.5	2k		600	970
15	150	12.5 × 25	22 × 40	1.3k		660	1040
22	220	16 × 25	22 × 40	900		740	1060
33	330	16 × 31.5	25 × 40	600		800	1120
47	470	18 × 35.5		420		1020	
68	680	22 × 40		290		1200	

- Please refer to page 20 about the end seal configuration.

Type numbering system (Example : DB series 50V 10µF)



Please refer to page 20, 21, 22 about the formed or taped product spec.
Please refer to page 4 for the minimum order quantity.