

GSS Bi-polar Axial Leads, For Speaker use

- Double ended sealed with rubber construction.
- Designed specifically for speaker crossover networks application.
- Test frequency at 1KHz for D.F. & Capacitance.
- Dissipation factor lower than GNS series.
- Life guaranteed 1,000 hours/85°C.

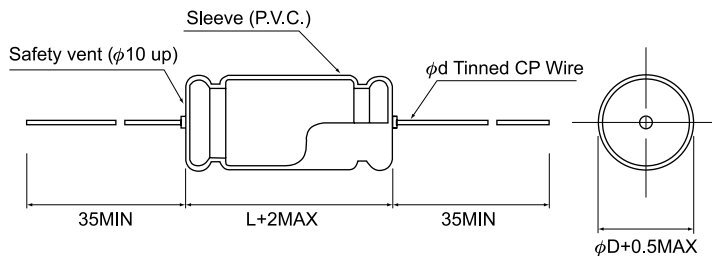


Acoustic parts

• Specifications

Item	Performance Characteristics									
Operating Temperature range	-40 + 85°C									
Rated Voltage	50V 100V									
Capacitance Range	1 ~ 220 μF									
Capacitance Tolerance	± 20%, ± 10% (1KHz, 20°C)									
Leakage Current	$I \leq 0.03CV + 4 \mu A$, after 5 minutes application of rated voltage.									
Dissipation Factor (1KHz, 20°C)	<table border="1"> <thead> <tr> <th>Characteristics / Code</th> <th>D</th> <th>P</th> <th>S</th> <th rowspan="2">Measured at 1KHz</th> </tr> </thead> <tbody> <tr> <td>Tan δ (max.)</td> <td>0.08</td> <td>0.06</td> <td>0.05</td> </tr> </tbody> </table>	Characteristics / Code	D	P	S	Measured at 1KHz	Tan δ (max.)	0.08	0.06	0.05
	Characteristics / Code	D	P	S	Measured at 1KHz					
Tan δ (max.)	0.08	0.06	0.05							
Load Life	After 1,000 hours application of WV at 85°C, reversing polarity at every 250 hours, capacitor shall meet the characteristics requirements mentioned below.									
	Capacitance change	Within ± 20% of initial value								
	Tan δ	200% or less of initial specified value								
	Leakage current	Initial specified value or less								
Shelf Life	At 85°C, no voltage applied for 1,000 hours, the capacitor shall meet the limits as in load life.									

• Dimension (mm)



Dφ	8	10	13	16	18	22
φd	0.6	0.6	0.6	0.8	0.8	0.8
α	2.0	2.0	2.0	2.0	2.0	2.0

• Standard Products Table

Dφ x L (mm)

Cap (μF)	WV	50V			100V		
		D (8%)	P (6%)	S (5%)	D (8%)	P (6%)	S (5%)
1		8 x 17	10 x 19	13 x 26	10 x 19	10 x 19	13 x 26
1.5		8 x 17	10 x 19	13 x 26	10 x 19	10 x 19	13 x 26
2.2		8 x 17	10 x 19	13 x 26	10 x 19	10 x 19	13 x 26
2.7		8 x 17	10 x 19	13 x 26	10 x 19	10 x 19	13 x 26
3.3		8 x 17	10 x 19	13 x 26	10 x 19	10 x 19	13 x 26
3.9		10 x 19	10 x 19	13 x 26	10 x 19	13 x 26	13 x 26
4.7		10 x 19	10 x 19	13 x 26	10 x 19	13 x 26	13 x 31
5.6		10 x 19	10 x 19	13 x 26	10 x 19	13 x 26	13 x 31
6.8		10 x 19	13 x 26	13 x 31	13 x 26	13 x 26	13 x 31
7.5		10 x 19	13 x 26	13 x 31	13 x 26	13 x 26	13 x 31
8.2		10 x 19	13 x 26	13 x 31	13 x 26	13 x 26	13 x 31
10		13 x 26	13 x 26	13 x 31	13 x 26	13 x 31	13 x 31
12		13 x 26	13 x 26	13 x 31	13 x 26	13 x 31	13 x 31
15		13 x 26	13 x 26	13 x 31	13 x 26	13 x 31	13 x 31
18		13 x 26	13 x 26	13 x 31	13 x 26	13 x 31	13 x 31
22		13 x 26	13 x 31	13 x 31	13 x 31	13 x 31	13 x 31
27		13 x 26	13 x 31	13 x 31	13 x 31	13 x 31	13 x 31
33		13 x 31	13 x 31	13 x 31	13 x 31	13 x 31	16 x 34
39		13 x 31	13 x 31	16 x 34	13 x 31	16 x 34	16 x 34
47		13 x 31	16 x 34	16 x 34	13 x 31	16 x 34	16 x 34
56		16 x 34	16 x 34	16 x 34	16 x 34	16 x 34	16 x 42
68		16 x 34	16 x 34	16 x 34	16 x 34	16 x 34	16 x 42
75		16 x 34	16 x 34	16 x 42	16 x 34	16 x 42	18 x 42
82		16 x 34	16 x 34	16 x 42	16 x 34	16 x 42	18 x 42
100		16 x 34	16 x 34	18 x 42	16 x 42	18 x 42	18 x 42
120		16 x 34	16 x 34	18 x 42	18 x 42	18 x 42	22 x 44
150		16 x 34	16 x 42	18 x 42	18 x 42	22 x 44	22 x 44
180		16 x 42	18 x 42	22 x 44	18 x 42	22 x 44	
220		18 x 42	22 x 44	22 x 44	22 x 44	25 x 46	

- Specific capacitance value or size may acceptable per request.
- Indicating the right P/N :
Example : GSS100M050-1634B□ (The last digit stands for characteristic/DF code)