

# GFS/GTS Bi-polar Axial Leads, For Speaker use

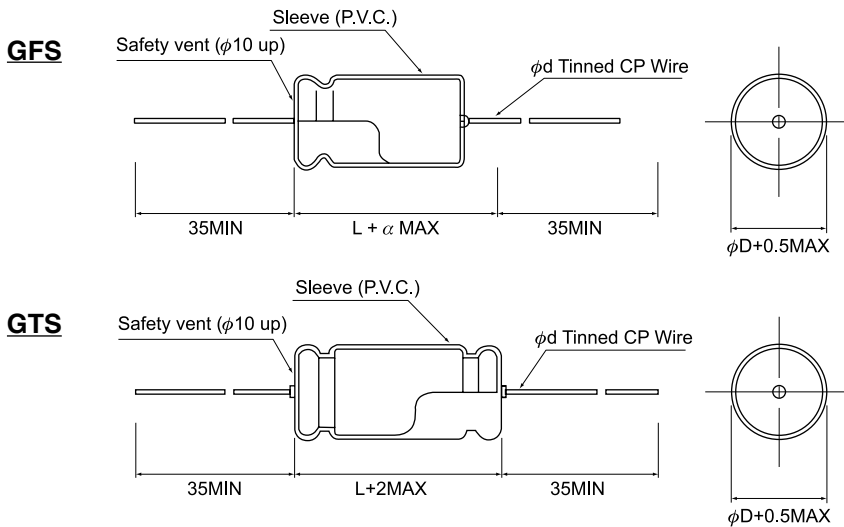
- Single ended (GFS)/Double ended sealed with rubber (GTS) for option.
- Designed specifically for speaker crossover networks application.
- Test frequency at 120 Hz for D.F & Capacitance.
- Life guaranteed 1,000 hours/85°C.



• Specifications

Item	Performance Characteristics			
Operating Temperature range	-40 + 85°C			
Rated Voltage	50V 100V			
Capacitance Range	100 ~ 1,000 μF			
Capacitance Tolerance	± 10% (120 Hz, 20°C)			
Leakage Current	I ≤ 0.03CV + 4 μA, after 5 minutes application of rated voltage.			
Dissipation Factor (120 Hz, 20°C)	Series	GFS	GTS	Measured at 120Hz
	Tan δ (max.)	0.10	0.10	
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	13	16	18	22	25
φd	0.6	0.8	0.8	0.8	1.0
α	2.0	2.0	2.0	2.0	2.0

• Standard Products Table

WV Cap (μF)	Dφ x L (mm)			
	GFS (Single ended)		GTS (Double ended)	
	50V	100V	50V	100V
100	13 x 21	16 x 31	13 x 26	16 x 34
120	13 x 21	16 x 31	13 x 26	16 x 34
150	13 x 21	16 x 41	13 x 26	16 x 42
180	13 x 26	18 x 41	13 x 26	18 x 42
220	13 x 26	18 x 41	13 x 31	18 x 42
250	13 x 26	18 x 41	13 x 31	18 x 42
270	13 x 26	18 x 41	13 x 31	18 x 42
330	16 x 31	22 x 41	16 x 34	22 x 45
390	16 x 31	22 x 41	16 x 34	22 x 45
470	16 x 41	22 x 51	16 x 42	25 x 52
560	18 x 41	22 x 51	18 x 42	25 x 52
680	18 x 41	25 x 51	18 x 42	25 x 56
750	22 x 41	25 x 51	22 x 45	25 x 56
820	22 x 41	25 x 51	22 x 45	25 x 56
1000	22 x 51	25 x 51	25 x 45	25 x 56

• Specific capacitance value or size may acceptable per request.