



GS Small size standard

☆ GS series is suitable for electronic products which require small size.

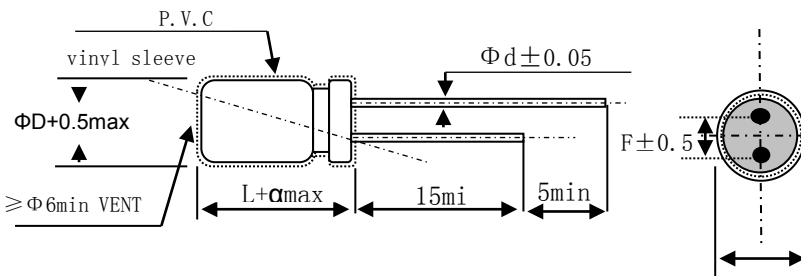
☆ Suitable for consumer electronic products, such as DVD, VCD, CD, stereo radios, telephone, TV sets, etc., on off DC.

■ Specifications

Operating temperature range	-40~+85°C					-25~+85°C						
Rated voltage range	6.3~100V DC					160~250V DC						
Nominal capacitance range	0.1~15000μF					0.47~470μF						
Capacitance tolerance	±20%(25°C, 120Hz)											
Leakage current	1 ≤ 0.01C _R U _R 或 3(μA), 取大值(2分钟) Whichever is greater(2minutes)					1 ≤ 0.03C _R U _R +30(μA), (2分钟) (2minutes)						
tg δ Dissipation factor(25°C, 120HZ)	U _R (V)	6.3	10	16	25	35	50	63	100	160	250	
	tg δ	0.28	0.24	0.20	0.16	0.14	0.12	0.10	0.08	0.16	0.18	
0.02 is added to every 1000μF increase over 1000μF												
Temperature characteristics (120HZ)	U _R (V)	6.3	10	16	25	35	50	63	100	160	250	
	Z-25°C / Z+20°C	5	4	3	2	2	2	2	2	3	4	
	Z-40°C / Z+20°C	12	10	8	5	4	3	3	3	4	5	
1 is added to every 1000μF increase over 1000μF												
Load life	After applying rated voltage with specified ripple current for 2000hours at +85°C and then resumed 16h Capacitance change : Within ±20% of the initial measured value Leakage current: : Not more than the initial specified value Dissipation factor: Not more than 150% of the initial specified value											
Shelf life	+85°C After storage 1000hours then resumed 16hours; Capacitance change : With ±20% of the initial measured value Leakage current: : Not more than 200% of the initial specified value Dissipation factor : Not more than 120% of the initial specified value											

■ Case size table

Unit:mm



ΦD	5	6	8	10	12	13	16	18	21	22
F	2.0	2.5	3.5	5.0			7.5		10.0	
Φd	0.5		0.6			0.8				
α	1.0		1.5			2.0				