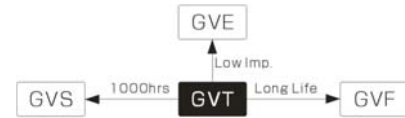


GVT 105°C,2000Hrs,Standard Series



Features

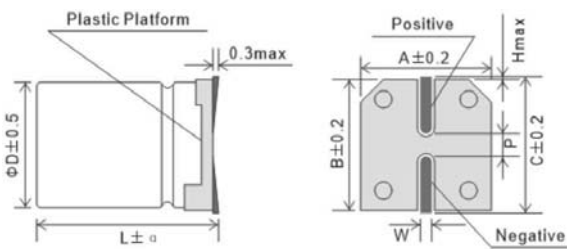
105°C, 2000 hours assured.
 Available for high density surface mounting.
 High stability and reliability.



Specifications

Item	Condition	Specifications										
Category Temperature Range(°C)	—	-55°C ~ +105°C										
Capacitance Tolerance (%)	120Hz, 20°C	±20%										
Rated Voltage (V)	—	6.3	10	16	25	35	50	63	100			
Dissipation Factor (tanδ)	120Hz, 20°C (Max.)	tanδ	0.30	0.24	0.20	0.18	0.16	0.14	0.14	0.14		
		Notes	Exceeding 1,000uF, +0.02 every 1,000uF									
Leakage Current (LC)	After 2 minutes, 20°C (uA, Max.)	0.01CV or 3uA, whichever is greater.										
Low Temperature Characteristics	Impedance Ratio (Max.)	Z _{-25°C} /Z _{+20°C}	5	4	3	2	2	2	2	2		
		Z _{-40°C} /Z _{+20°C}	10	8	6	4	3	3	3	3		
Endurance	105°C, Rated Voltage Applied (With the rated ripple current)	Hours	2,000									
		ΔC/C	Within ±30% of initial value									
		tanδ	300% or less of the initial specified value									
		LC	The initial specified value or less									
Shelf life	105°C	Hours	1,000									
		Other Items	same as those for the endurance.									

Dimensions



D	L	A	B	C	P	α	W
4	5.7	4.3	4.3	5.0	1.0	±0.3	0.5-0.8
5	5.7	5.3	5.3	6.0	1.5	±0.3	0.5-0.8
6.3	5.7	6.6	6.6	7.3	2.0	±0.3	0.5-0.8
6.3	7.7	6.6	6.6	7.3	2.0	±0.3	0.5-0.8
8	10.5	8.3	8.3	9.0	3.1	±0.5	0.7-1.2
10	10.5	10.3	10.3	11.0	4.7	±0.5	0.7-1.2

Rated Ripple Current Multipliers

Frequency (Hz)	50	120	1k	10k up
Capacitance (uF)				
Under 100	0.70	1.00	1.35	1.50
100 ~ 2200uF	0.80	1.00	1.20	1.30

GVT Series

■ Dimensions

uF	WV	6.3v (0J)		10v (1A)		16v (1C)		25v (1E)		35v (1V)		50v (1H)		63v (1J)		100v (2A)	
		ΦD x L	R.C.	ΦD x L	R.C.	ΦD x L	R.C.	ΦD x L	R.C.	ΦD x L	R.C.	ΦD x L	R.C.	ΦD x L	R.C.	ΦD x L	R.C.
1.0												4x5.7	7	4x5.7	7	4x5.7	7
2.2												4x5.7	11	4x5.7	11	4x5.7	9
3.3										4x5.7	13	4x5.7	13	5x5.7	13	5x5.8	14
4.7								4x5.7	13	4x5.7	14	4x5.7	13	5x5.7	16	5x5.8	16
6.8								4x5.7	14	4x5.7	14	4x5.7	14	5x5.7	17	6.3x5.7	21
10						4x5.7	18	4x5.7	14	4x5.7	14	5x5.7	18	5x5.7	19	6.3x5.7	35
22				4x5.7	20	4x5.7	20	4x5.7	19	5x5.7	30	6.3x5.7	42	6.3x5.7	40	6.3x7.7	60
				5x5.7	25	5x5.7	27	5x5.7	25	6.3x5.7	38	6.3x7.7	51	6.3x7.7	49	8x10.5	84
33	4x5.7	22	4x5.7	22	4x5.7	22	4x5.7	22	5x5.7	34	6.3x5.7	45	6.3x7.7	53	8x10.5	90	
			5x5.7	30	5x5.7	28	5x5.7	29	6.3x5.7	42	6.3x7.7	60	8x10.5	112	10x10.5	133	
47	4x5.7	25	4x5.7	25	5x5.7	31	5x5.7	35	6.3x5.7	50	6.3x7.7	63	6.3x7.7	75	10x10.5	140	
	5x5.7	33	5x5.7	30	6.3x5.7	48	6.3x5.7	48	6.3x7.7	70	6.3x7.7	63	8x10.5	119			
68	4x5.7	25	5x5.7	40	5x5.7	31	6.3x5.7	48	6.3x5.7	50	6.3x7.7	63	8x10.5	125	10x10.5	155	
	5x5.7	33			6.3x5.7	48			6.3x7.7	70	8x10.5	120			10x12.5	180	
100	5x5.7	39	5x5.7	45	6.3x5.7	60	6.3x5.7	72	6.3x7.7	84	8x10.5	140	8x10.5	135			
	6.3x5.7	50	6.3x5.7	53			6.3x7.7	91	8x10.5	120			10x10.5	195			
150	5x5.7	45	6.3x5.7	62	6.3x5.7	65	6.3x7.7	95	6.3x7.7	100	6.3x7.7	95	8x10.5	155	10x10.5	205	
	6.3x5.7	55			6.3x7.7	95			8x10.5	155	10x10.5	170	10x12.5	225			
220	6.3x5.7	67	6.3x5.7	70	6.3x7.7	110	6.3x7.7	120	8x10.5	190	10x10.5	220	10x10.5	220			
	6.3x7.7	105	6.3x7.7	105			8x10.5	175	10x10.5	220							
330	6.3x7.7	105	6.3x7.7	130	6.3x7.7	120	8x10.5	195	8x10.5	220	10x10.5	245					
					8x10.5	230			10x10.5	240	10x10.5	320					
470	6.3x7.7	120	6.3x7.7	150	8x10.5	230	8x10.5	240	10x10.5	320	10x12.5	375					
	8x10.5	210	8x10.5	210			10x10.5	280									
680	8x10.5	210	8x10.5	240	8x10.5	255	10x10.5	350									
			10x10.5	270	10x10.5	315	10x12.5	400									
1000	8x10.5	230	8x10.5	260	10x10.5	330											
	10x10.5	300	10x10.5	315	10x12.5	390											
1500	10x10.5	315	10x12.5	460													
	10x12.5	450															
2200	10x10.5	350															
	10x12.5	520															

Note1: Case size ΦD x L(mm), ripple current (mA, rms) at 105°C, 120Hz.

Note2: Produce custom product too, which are not found in these tables.