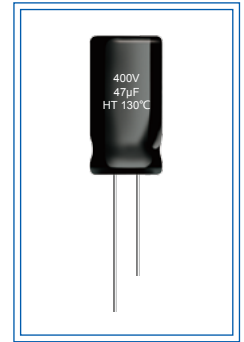


HT (CD26GT)

Features

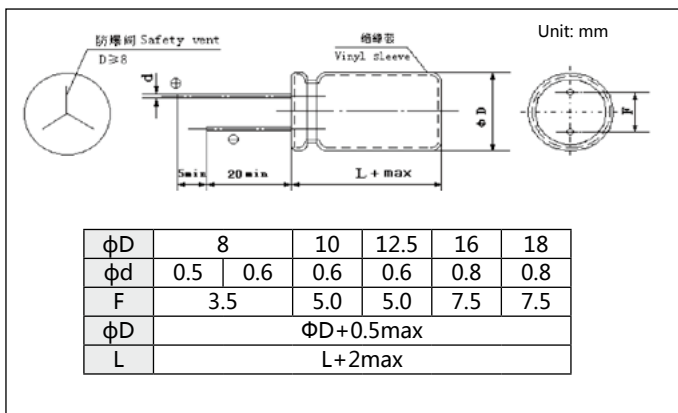
- Ensure life: +130°C , 4000hours, 105°C , 16000 hours.
- Extremely long life, high temperature.
- Especially designed for LED lighting, electronic energy saving lamps, electronic ballast.
- RoHS Compliant.



Specifications

Item	Performance Characteristics							
Operating Temperature Range	-40~+130°C (160~400V) -25~+130°C (450V)							
Rated Voltage Range	160~450V							
Nominal Capacitance Range	1~220µF							
Capacitance Tolerance	±20%(+20°C , 120Hz)							
Leakage Current	160~400V	450V					I:Leakage current (µA) , C:Nominal capacitance (µF) V:Rated Voltage (V) (20°C , 2 minutes)	
	$I \leq 0.02CV+10\mu A$	$I \leq 0.03CV+10\mu A$						
Dissipation Factor (tgδ,+20°C ,120Hz)	$U_R(V)$	160	200	250	350	400	450	
	tgδ	0.08	0.08	0.08	0.08	0.08	0.10	
Temperature Characteristics (Impedance ratio at 120Hz)	$U_R(V)$	160	200	250	350	400	450	
	Z-25°C /+20°C	3	3	3	5	5	6	
	Z-40°C /+20°C	6	6	6	6	6	-	
Load Life	After application of the rated DC voltage at 130°C 4,000 hours or application of DC voltage with rated ripple current(the voltage peak is not more than rated voltage)at 105°C 16,000 hours, measuring the parameters when the capacitors are restored to 20°C,the capacitors shall meet the requirements as below: Capacitance change : ±30% of the initial measured value Dissipation factor: ≤ 300% of the initial specified value Leakage current : ≤ the initial specified value							
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage application: Capacitance change : ±20% of the initial measured value Dissipation factor: ≤ 200% of the initial specified value Leakage current : ≤ 200% of the initial specified value							

Diagram of Dimensions



Multiplier for Ripple Current

Frequency coefficient

Frequency(Hz)	120	1K	10K	100K
Coefficient	160-450	0.50	0.80	0.90

Standard Size

Rated Voltage (V _{dc})	Capacitance (μF)	Size ΦD×L (mm)	tanδ	Rated ripple current (mArms) 105°C /100KHz	Rated Voltage (V _{dc})	Capacitance (μF)	Size ΦD×L (mm)	tanδ	Rated ripple current (mArms) 105°C /100KHz
160V (2C)	3.3	8x12	0.08	70	350V (2V)	4.7	10x20	0.08	105
	4.7	8x12	0.08	72		5.8	10x20	0.08	115
	5.6	8x16	0.08	81			12.5x20	0.08	121
	6.8	8x16	0.08	88		6.8	10x20	0.08	167
	8.2	10x16	0.08	96			12.5x20	0.08	176
	10	10x16	0.08	200		8.2	12.5x20	0.08	192
	15	10x16	0.08	336		10	12.5x20	0.08	224
	22	10x20	0.08	400		15	12.5x25	0.08	240
	33	12.5x20	0.08	400		22	16x25	0.08	280
	47	12.5x25	0.08	528		33	16x30	0.08	400
	68	16x25	0.08	608		47	18x30	0.08	528
	100	16x25	0.08	896		68	18x35	0.08	680
	150	18x30	0.08	1088		400V (2G)	1	8x12	0.08
220	18x35	0.08	1120	1.5	8x16		0.08	67	
200V (2D)	2.8	8x12	0.08	64	1.8		8x16	0.08	72
	3.3	8x12	0.08	73	2.2		10x16	0.08	73
	4.7	8x16	0.08	80	2.8		10x16	0.08	80
	5.6	8x16	0.08	86	3.3		10x16	0.08	83
	6.8	8x16	0.08	94			10x20		88
	8.2	10x16	0.08	168	4.7		10x20	0.08	99
	10	10x16	0.08	200			12.5x20		104
	15	10x20	0.08	336	5.6		12.5x20	0.08	112
	22	12.5x20	0.08	400	6.8		12.5x20	0.08	176
	33	12.5x25	0.08	480	8.2		12.5x20	0.08	208
	47	12.5x25	0.08	528	10		12.5x20	0.08	224
	68	16x25	0.08	608		12.5x25	0.08	235	
	100	16x30	0.08	896	15	12.5x25	0.08	256	
150	18x35	0.08	1088	22	16x25	0.08	344		
220	18x45	0.08	1360	33	16x30	0.08	512		
250V (2E)	2.2	8x12	0.08	64		18x30	0.08	569	
	2.8	8x12	0.08	68	47	18x35	0.08	672	
	3.3	8x12	0.08	72	68	18x40	0.08	800	
	4.7	8x16	0.08	84	450V (2W)	1.5	8x16	0.1	50
	5.6	10x16	0.08	88		1.8	8x16	0.1	52
	6.8	10x16	0.08	96		2.2	10x16	0.1	64
	8.2	10x16	0.08	104		2.8	10x16	0.1	72
	10	10x16	0.08	200		3.3	10x16	0.1	76
		10x20	0.08	224			10x20	0.1	80
	15	10x20	0.08	300		4.7	10x20	0.1	83
	22	12.5x20	0.08	420			12.5x20	0.1	88
	33	12.5x25	0.08	480		5.6	12.5x20	0.1	92
	47	16x25	0.08	576		6.8	12.5x20	0.1	96
68	16x30	0.08	736	8.2		12.5x20	0.1	104	
100	18x30	0.08	960	10		12.5x20	0.1	212	
150	18x40	0.08	1200			12.5x25	0.1	224	
350V (2V)	1	8x12	0.08	51	15	12.5x25	0.1	342	
	1.5	8x16	0.08	56		16x25	0.1	360	
	1.8	8x16	0.08	62	22	16x25	0.1	420	
	2.2	10x16	0.08	70		16x30	0.1	460	
	2.8	10x16	0.08	76	33	16x30	0.1	480	
	3.3	10x16	0.08	84		16x35	0.1	510	
				47	18x35	0.1	576		
				68	18x40	0.1	736		
				100	18x50	0.1	960		