

## GE 节能灯专用品 (CD11GE型)

● 专为电子节能灯、镇流器设计制造。

Specially designed for electronic ballast and energy-save lamp

● 耐高纹波, 耐高温, 特长寿命。

High Ripple Current High Temperature, extremely Long Life

● 130°C 2000小时或105°C 8000小时。

130°C 2000 hours or 105°C 8000 hours



### Specifications

项目 Item	特性 Characteristics						
工作温度范围 Operating temperature range	-40°C~+130°C						
额定电压范围 Rated voltage range	160V~450V DC						
静电容量范围 Nominal capacitance range	1.0μF~220μF						
静电容量误差 Capacitance tolerance	(-10%+20% 120Hz 20°C)						
漏电流 (20°C) leakage current(20°C)	WV≤400V I≤0.02CV+10μA after 2minute						
	WV=450V I≤0.03CV+10μA after 2 minute						
I: Leakage current C: Normal capacitance V: Rated voltage							
损耗角正切 Dissipation factor (120Hz-20°C)	Rated voltage(V)	160	200	250	350	400	450
	tg δ (max)	0.08	0.08	0.08	0.08	0.08	0.10
低温特性 Low temperature characteristics (Impedance ratio max. at 120Hz)	Rated voltage(v)	160	200	250	350	400	450
	Z-25°C/Z+20°C	3	3	3	5	5	5
	Z-25°C/Z+20°C	6	6	6	6	6	6
高温负荷特性 Load Life	After application of the rated voltage at 130°C 2000 hours or 105°C 8000 hours then resumed 16 hours:						
	Capacitance change	Within ±20% of the initial measured value					
	tgδ	≤200% of the initial specified value					
	Leakage current	≤initial specified value					
高温贮存特性 Shelf Life	After storage for 1000 hours at 105°C then resumed 16 hours:						
	Capacitance change	Within ±20% of the initial measured value					
	tgδ	≤200% of the initial specified value					
	Leakage current	≤500% of the initial specified value					

### Diagram of Dimensions(mm)

	φ D	8	10	13	16	18	19	22
	F±0.5	3.5	5.0	5.0	7.5	7.5	7.5	10
	φ d±0.05	0.5	0.6	0.6	0.8	0.8	0.8	0.8
	α	1.0	1.5	1.5	2.0	2.0	2.0	2.0

### Multiplier for Ripple Current vs. Frequency:

WV(V)\Hz	120	1K	10K	100K
160V~250V	0.55	0.85	0.90	1.00
350V~450V	0.50	0.80	0.90	1.00

**GE** 节能灯专用品 (CD11GE型)

## ■ Standard Ratings

WV(Coad)		160V (0J)		200V (1A)		250V (1C)		350V (1E)	
C(uf)	Coad	φD×L	R. C.	φD×L	R. C.	φD×L	R. C.	φD×L	R. C.
1	010							8×12	64
1.5	1R5							10×12	70
1.8	1R8							10×17	78
2.2	2R2					8×12	80	10×17	88
2.8	2R8			8×12	80	10×12	90	10×17	96
3.3	3R3	8×12	88	8×12	92	10×12	100	10×17	106
4.7	4R7	10×12	96	10×12	100	10×17	110	10×20	132
5.6	5R6	8×16	102	8×16	108	10×17	110	13×21	152
6.8	6R8	8×16	110	8×16	118	10×17	120	13×21	220
8.2	8R2	10×17	120	10×17	125	10×17	130	13×21	240
10	100	10×17	250	10×17	250	10×17	280	13×21	280
						10×20			
15	150	10×17	420	10×20	420	13×21	450	13×25	300
22	220	10×20	500	13×21	500	13×21	600	16×25	350
33	330	13×21	500	13×21	600	13×25	600	16×32	500
47	470	13×25	660	13×25	660	16×25	720	18×36	660
68	680	16×25	760	16×25	760	16×32	920	19×35	850
100	101	16×25	1120	16×35	1120	18×32	1200		
150	151	18×32	1360	18×36	1360	22×36	1500		
220	221	19×35	1400	22×36	1700				

WV(Coad)		400V (1V)		450V (1H)					
C(uf)	Coad	φD×L	R. C.	φD×L	R. C.				
1	010	10×12	72	8×16	80				
1.5	1R5	10×12	84	10×17	88				
1.8	1R8	10×17	90	10×17	92				
2.2	2R2	10×17	92	10×17	96				
2.8	2R8	10×17	100	10×17	100				
3.3	3R3	10×17	110	10×17	110				
4.7	4R7	10×20	130	10×20	130				
5.6	5R6	13×21	140	13×21	140				
6.8	6R8	13×21	220	13×21	150				
8.2	8R2	13×21	260	13×21	280				
10	100	13×21	280	13×21	320				
15	150	13×25	320	13×25	420				
22	220	16×25	430	16×36	560				
33	330	16×32	640	16×36	700				
47	470	18×36	840	19×35	880				
68	680	19×35	1000						

Permit ripple current : (mArms, 105°C, 100KHZ)

Case size: φD×L (mm)