

GRP CDT02

◆ SPECIFICATIONS

Items	Characteristics				
Category Temperature Range	-25°C ~ 125°C				
Rated Voltage Range	160V ~ 450V DC				
Capacitance Tolerance (20°C/120Hz)	±20%				
Leakage Current(MAX)	I=0.03CV(After 2 minutes) I: Leakage Current(μA) C: Capacitance(μF) V:Rated Voltage(V)				
Dissipation Factor (20°C/120Hz)	Rated Voltage(V)	160-250	350	400	450
	tgδ	0.15	0.20	0.20	0.25
Endurance	After life test with rated ripple current for 12000 hours at 105°C, the capacitors shall meet the following requirement.				
	Capacitance Change	Within ±20% of the initial value.			
	Dissipation Factor	Not more than 200% of the specified value.			
	Leakage Current(MAX)	Not more than the specified value.			
Low Temperature Stability	Rated Voltage(V)	160-250	350-450		
	Impedance Ratio < Z (-25°C)/Z(20°C) > 120Hz	3	6		

◆ MULTIPLIER FOR RIPPLE CURRENT

Frequency	50	120	1K	10K	100K
Coefficient	0.50	0.60	0.70	0.80	1.00

◆ FEATURES

Load Life:105°C 12000~14000 hours.

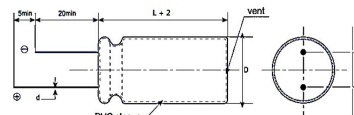
Excellent endurance of high ripple current and high temperature, low ESR,high stability.

Used for LED,LED Driver, Ballast and CFL.

◆ STANDARD SIZE(Rated ripple current: 105°C、100KHz)

Rated Voltage (V) Capacitance (μF)	160		200		250		350		400		450	
	Size(mm) D×L	Rated ripple current (mA rms)	Size(mm) D×L	Rated ripple current (mA rms)	Size(mm) D×L	Rated ripple current (mA rms)	Size(mm) D×L	Rated ripple current (mA rms)	Size(mm) D×L	Rated ripple current (mA rms)	Size(mm) D×L	Rated ripple current (mA rms)
1							8×12	65	8×12	70	8×12	80
1.2							8×12	68	8×12	75	8×12	85
1.5							8×14	75	8×14	80	8×14	85
1.8							8×14	85	8×14	90	8×14	95
2.2							8×16	95	8×16	135	8×16	100
2.7									10×16	100	8×16	105
3.3									10×16	110	10×16	120
3.9									10×16	120	10×16	150
4.7	8×12	130	8×12	135	8×14	160	10×16	170	10×16	215	10×16	190
5.6	8×12	150	8×12	155	8×16	180	10×20	200	10×20	230	10×20	210
6.8	8×12	180	8×14	190	8×16	200	10×20	240	10×20	250	10×20	250
8.2	8×12	210	8×14	230	10×16	220	12×20	280	12×20	270	12×20	260
10	8×16	230	8×16	240	10×16	250	12×20	340	12×20	340	12×20	270
15	10×16	300	10×16	320	10×20	360	12.5×25	440	12.5×25	500	12.5×25	350
22	10×20	415	10×20	440	12×20	490	16×25	640	16×25	750	16×25	550
33	12×20	560	12×20	580	12.5×20	780	18×25	910	18×25	1100	18×25	950
47	12.5×25	620	12.5×25	700	16×25	950	18×30	1050	18×30	1150	18×30	1050
68	12.5×25	810	12.5×25	840	18×25	1300	22×35	1450	22×30	1580	22×35	1520
82	16×25	860	16×25	900	18×25	1550	22×35	1500	22×30	1600	22×35	1550
100	16×25	910	18×25	950	18×30	1600	22×40	1750	22×40	1720	22×40	1670

◆ DIMENSIONS



D±0.5	5	6.3	8	10	12	13	16	18	22
F±0.6	2	2.6	3	5			7.5		10
d±0.1	0.5	0.5	0.5	0.6			0.8		0.8