

CD IN Series

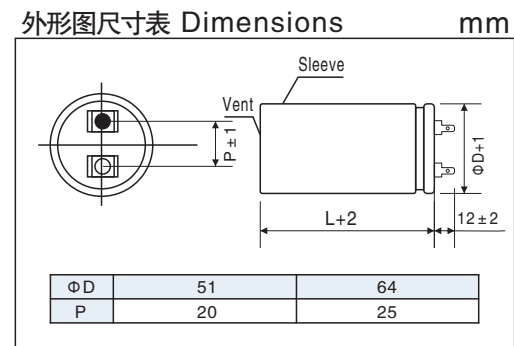
- 85℃ 2000小时
- 2000h at 85℃
- 高纹波电流

● 用于变频空调,工业变频器
- High nipple current

● Used foe air conditioner general-purpose inverter

项目 Item	特性 Characteristics
使用温度范围 (°C) Operating Temperature Range	-25~+85
额定电压范围 (V) Voltage Range	400V~450V
标称电容量范围(μ F) Capacitance Range	45~440
标称电容量允许偏差 Capacitance Tolerance (20℃,120Hz)	± 20%
漏电流(μA) Leakage Current	1 ≤ 0.01CV或5mA, 取较小者 (20℃, 5分钟) 1 ≤ 0.01CV or 5mA whichever issmaller (at 20℃, after 5minuter) C:标称电容器 (μ F) V: 额定电压 (V) C:Nominal Capacitance(μ F) V:Rated Voltage(V)
损耗角正切值(tg δ) Dissipation Factor (20℃,120Hz)	小于等于0.20 Less than 0.20

项目 Item	使用寿命 Useful Life		负载寿命 Load Life	耐久试验 Endurance Test	高温贮存 shelf Life
寿命 Lifetime	2000h		2000h	2000h	1000h
漏电流 Leakage Current	≤ 初始规定值 Not more than specited value		≤ 初始规定值 Not more than specited value	≤ 初始规定值 Not more than specited value	≤ 初始规定值 Not more than specited value
容量变化率 Capacitance Change	初始值 ± 30%以内 Within±30% of initial Value		初始值 ± 20%以内 Within±20% of initial Value	初始值 ± 10%以内 Within±10% of initial Value	初始值 ± 20%以内 Within±20% of initial Value
损耗变化率 Dissipation Factor	≤ 初始规定值的3倍 Not more than 300% of specified value		≤ 初始规定值的2倍 Not more than 200% of specified value	≤ 初始规定值的1.3倍 Not more than130% of specified value	≤ 初始规定值的2倍 Not more than 200% of specified value
使用条件 Condition 使用电压 Applied Voltage 使用电流 Applied Current 使用温度 Applied Temperature	U _R I _R 85℃	U _R 1.4×I _R 40℃	U _R I _R 85℃	U _R I _R =0 85℃	U _R =0 I _R =0 85℃ 试验后： 施加额定电压30分 钟后恢复24小时 After test: UR to be applied for 30min >24h before measurement



频率系数 Frequency Coefficient

频率 Frequency	50/60Hz	120Hz	300Hz	1KHz	≥10KHz
系数 Coefficient	0.8	1.00	1.10	1.30	1.40

CD IN 系列
Ratings for CD IN Series

UR (Surge Voltage) Code	Rated Capa- cittance	Dissipation Factor	Leakage Current	Max ESR 20°C, 120HZ	Rated Ripple Current 85°C 120HZ	Size Φ DXL
(V)	(μF)	—	(mA)	(mΩ)	(Arms)	(mm)
400 (450) 2G	680	0.20	2.7	421	2.7	51×64
	820	0.20	3.2	349	3.0	51×64
	100	0.20	4	287	3.5	51×75
	1200	0.20	4.8	239	3.8	51×75
	1500	0.20	5.0	191	4.7	51×96
	1800	0.20	5.0	159	5.1	51×96
	2200	0.20	5.0	130	6.2	51×121
	2700	0.20	5.0	107	6.9	64×96
	3300	0.20	5.0	86.8	7.9	61×105
	3900	0.20	5.0	73.5	9.0	61×121
450 (500) 2W	680	0.20	2.7	421	2.6	51×64
	820	0.20	3.2	349	3.1	51×75
	1000	0.20	4.8	287	3.5	51×75
	1200	0.20	5.0	239	4.3	51×96
	1500	0.20	5.0	191	4.8	51×96
	1800	0.20	5.0	159	5.5	51×121
	2200	0.20	5.0	130	6.3	64×96
	2700	0.20	5.0	106.2	7.1	61×105
	3300	0.20	5.0	86.8	8.3	61×121
	3900	0.20	5.0	73.5	9.8	61×144

寿命曲线 Lifetime Diagram

