

CD PC Series

85℃ 2000小时

- 低损耗、高稳定耐高纹波电流
- 用于变频空调以提高功率因素

2000h at 85℃

- Low dissipation factor, high stability and high nipple current
- Be used in frequency converter air-conditioner for power factor improving

项目 Item	特性 Characteristics
使用温度范围 (℃) Operating Temperature Range	-25~+85
额定电压范围 (V) Voltage Range	250,400V
标称电容量范围(μF) Capacitance Range	45~440
标称电容量允许偏差 Capacitance Tolerance (20℃,120Hz)	± 10%
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 is smaller (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0.15 Less than 0.15

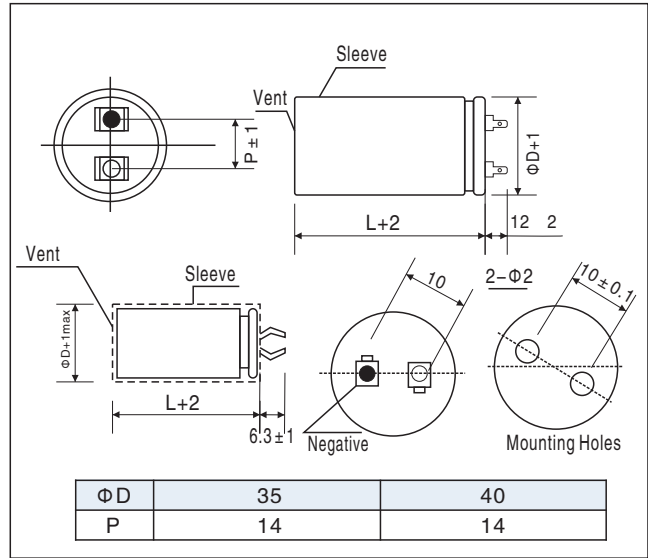
项目 Item	使用寿命 Useful Life		负载寿命 Load Life	耐久试验 Endurance Test	高温贮存 shelf Life
寿命 Lifetime	2000h		2000h	2000h	500h
漏电流 Leakage Current	≤初始规定值 Not more than specited value		≤初始规定值 Not more than specited value	≤初始规定值 Not more than specited value	≤初始规定值 Not more than specited value
容量变化率 Capacitance Change	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 ± 20%以内 Within±20% 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2倍 Not more than 200% 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

CD PC 系列
Ratings for CD PC Series

UR (Surge Voltage) Code	Rated Capa- citance	Dissipation Factor	Max ESR 20°C,120HZ	Rated Ripple Current 85°C 120HZ	Size Φ DXL
(V)	(μ F)	—	(Ω)	(Arms)	(mm)
250 (300) 2E	100	0.05	0.66	1.90	35×40
	110	0.05	0.60	2.00	35×40
	165	0.05	0.40	2.45	35×45
	180	0.05	0.37	2.58	35×50
	195	0.05	0.34	2.68	35×50
	210	0.05	0.32	2.78	35×50
	220	0.05	0.30	2.80	35×50
400 (450) 2G	45	0.05	1.47	1.50	35×50
	55	0.05	1.21	1.70	35×40
	75	0.05	0.88	1.98	35×50
	82	0.05	0.81	2.00	35×50

UR (Surge Voltage) Code	Rated Capa- citance	Dissipation Factor	Max ESR 20°C,120HZ	Rated Ripple Current 85°C 120HZ	Size Φ DXL
(V)	(μ F)	—	(Ω)	(Arms)	(mm)
250 (300) 2E	200	0.05	0.33	0.38	40×100
	220	0.05	0.30	0.40	40×100
	330	0.05	0.20	4.85	40×100
	360	0.05	0.18	5.10	40×100
	390	0.05	0.17	5.30	40×100
	420	0.05	0.16	5.50	40×100
	440	0.05	0.15	5.60	40×100
	90	0.05	0.74	3.00	35×80
400 (450) 2G	100	0.05	0.66	3.20	35×90
		0.05	0.66	3.20	40×90
	110	0.05	0.60	3.30	35×100
		0.05	0.60	3.30	40×100
	150	0.05	0.44	3.90	35×100
		0.05	0.44	3.90	40×100
	165	0.05	0.40	4.10	40×100
	220	0.05	0.30	4.70	40×100

外形图尺寸表 Dimensions mm



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

