

CD 13H Series

85℃ 2000小时

2000h at 85℃

- 600V标准品
- 600V standard at 85℃
- 耐大纹波
- High Ripple Current
- 适用于大功率电源, 变频器
- Power Supplies & Inverters

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	600
标称电容量范围 () Capacitance Range	1200~4700
标称电容量允许偏差 Capacitance Tolerance (20℃, 120Hz)	± 20%
漏电流 (μ A) Leakage Current	After 5minutes at 20℃ application voltage, leakage current is not more than 0.01CV or 5mA, whichever is smaller. C:Nominal Capacitance(μ F) V:Rated Voltage(V)
损耗角正切值(tg δ) Dissipation Factor (20℃, 120Hz)	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 specified value	≤初始规定值 Not more than specified value	≤初始规定值 Not more than specified value	≤初始规定值 Not more than specified 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 than 130% 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 =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

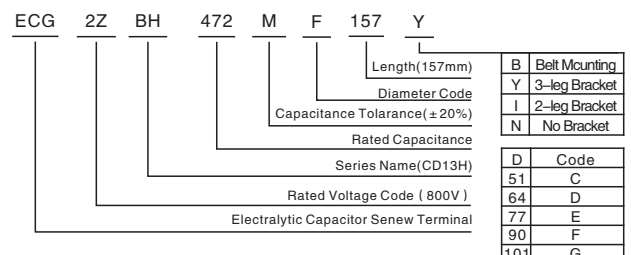
频率系数 Frequency Coefficient

频率 Frequency	50/60Hz	120Hz	300Hz	1KHz	≥10KHz
系数 Coefficient	0.7	1.00	1.10	1.30	1.40

温度系数 Temperature Coefficient

温度 Temperature	+40	+60	+85
系数 Coefficient	1.89	1.67	1.00

Part Numbering system(Example:400V 4700 μ F)



CD 13H PC系列
Rathings for CD 13H Series

UR (Surge Voltage) Code	Rated Capacitance	Max ESR 20℃ 120HZ	Typ ESR 20℃ 120HZ	Rated Ripple Current 85℃ 120HZ	Size Φ DXL	P/N
(V)	(μF)	(mΩ)	(mΩ)	(Arms)	(mm)	
600 (650) 2S	1200	242	121	7.7	64 × 96	ECG2SBH122MD096□
	1300	224	112	9.2	64 × 103	ECG2SBH132MD103□
	1500	224	112	9.3	64 × 115	ECG2SBH152MD115□
	1800	194	97	10.1	77 × 96	ECG2SBH182ME096□
	2200	162	81	12.0	77 × 115	ECG2SBH222ME115□
	2700	132	66	12.1	77 × 130	ECG2SBH272ME130□
	3000	98	49	15.6	77 × 155	ECG2SBH302ME155□
	3300	88	44	16.4	77 × 155	ECG2SBH332MF155□
		88	44	16.4	90 × 131	ECG2SBH332MF131□
		88	44	17.1	77 × 171	ECG2SBH332ME171□
	3900	74	37	19.7	77 × 195	ECG2SBH392ME195□
	4700	62	31	21.0	90 × 157	ECG2SBH472MF157□

