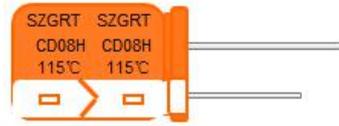


CD08H 08H Series (CD08H 系列)

Standard 115°C (标准 115°C)

Load life of 8000hours at 115°C for LED drives

ROHS Compliant (符合 ROHS 规定)

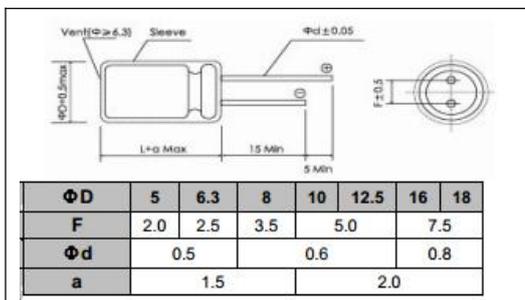


Ltems (项目)	Characteristics (特性)																					
Operating Temperature Range(°C) (工作温度范围)	-40~+115																					
Voltage Range (V)(电压范围)	10 ~ 120																					
CapacitanceTolerance (容量偏差范围) (20°C,120Hz)	±20%																					
Leakage Current (μA) (漏电流)	After 2 minutes at 20°C application of rated voltage, leakage current is not more than 0.01CV or 3, whichever is greater 20°C 以下 2 钟加额定电压以后测试漏电流不超过 0.01 V 或者 3A (取较大者)																					
Dissipation Factor (损耗系数) (20°C, 120Hz)	<table border="1"> <tr> <td>Rated Voltage(V)</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>80</td> <td>100</td> <td>120</td> </tr> <tr> <td>Tan δ(max)</td> <td>0.22</td> <td>0.19</td> <td colspan="7">0.15</td> </tr> </table>		Rated Voltage(V)	10	16	25	35	50	63	80	100	120	Tan δ(max)	0.22	0.19	0.15						
Rated Voltage(V)	10	16	25	35	50	63	80	100	120													
Tan δ(max)	0.22	0.19	0.15																			
Stability at Low Temperature (Impedance Ratio at 120Hz) (低温阻抗比)	<table border="1"> <tr> <td>Rated Voltage(V)</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>80</td> <td>100</td> <td>120</td> </tr> <tr> <td>Z-40°C/ Z +20°C</td> <td>6</td> <td>4</td> <td colspan="5">3</td> <td colspan="2">5</td> </tr> </table>		Rated Voltage(V)	10	16	25	35	50	63	80	100	120	Z-40°C/ Z +20°C	6	4	3					5	
Rated Voltage(V)	10	16	25	35	50	63	80	100	120													
Z-40°C/ Z +20°C	6	4	3					5														
	Load Life (额定负载寿命)	Shelf Life (储存寿命)																				
Lifetime (寿命)	8000h	1000h																				
Leakage Current(漏电流)	Not more than specified value (不超过额定值)	Not more than specified value (不超过额定值)																				
Capacitance Change (容量变化)	Within ± 30% of initial value (在初始值的±30%以内)	Within ±20% of initial value (在初始值的±20 以内)																				
Dissipation Factor (损耗系数)	Not more than 300% of specified value (不超过规定值的 300%)	Not more than 200% of specified value (不超过规定值的 200%)																				
Condition:Applied Voltage Applied Current Applied Temperature (电压电流温度条件)	UR IR 115°C	UR = 0 IR = 0 105°C After test UR to be applied for 30min>24h before measurement (实验结束后, 加额定电压 30 分钟, 存放 24h 后测试)																				

Dimensions (产品尺寸图)

mm

frequency coefficient (频率系数)



frequency Cap	120Hz	1kHz	10kHz	100kHz
	1~4700μF	0.50	0.80	0.90

Temperature Coefficient

(温度系数)

Temperature(°C) Coefficient(v)	+70	+85	+115
	10~120	2.2	1.8

Ratings for CD08H 08H series (CD08H 标准)

U _R 工作电压 (Surge Voltage) (浪涌电压) Code(编码)	Rated Capa- Citance (标称容量)	MaxImp (阻抗) 20℃ 100KHZ	Rated Rippe Current (纹 波电流) 115℃ 100KHZ	Size ΦD*L 尺寸
(V)	(μF)	(Ω)	(mArms)	(mm)
10 (13) C	10	9.52	91	6.3*11
	47	9.60	142	6.3*11
	100	1.25	182	8*11
	220	0.24	363	8*11
	330	0.23	390	8*11
	470	0.16	625	10*12
	1000	0.075	967	10*20
	2200	0.041	1435	12.5*25
	3300	0.039	1901	16*25
	4700	0.034	2310	16*30
16 (20) D	10	9.5	90	6.3*11
	47	9.5	140	6.3*11
	100	0.23	360	8*11
	220	0.23	390	8*11
	330	0.22	420	8*11
	470	0.15	620	10*12
	1000	0.075	960	10*20
	2200	0.042	1150	12.5*25
	3300	0.035	2310	16*30
	4700	0.031	2565	16*35
25 (32) E	10	6.55	91	6.3*11
	47	6.54	145	6.3*11
	100	0.26	362	8*11
	220	0.22	420	8*11
	330	0.16	625	10*12
	470	0.12	805	10*16
	1000	0.055	1110	12.5*20
	2200	0.035	2310	16*30
	3300	0.031	2555	16*35
	35 (44) F	10	0.72	105
47		0.22	365	8*11
100		0.22	390	8*11
220		0.16	625	10*12
330		0.10	804	10*16
470		0.074	965	10*20
1000		0.040	1435	12.5*25
2200		0.052	2551	16*35
3300		0.028	2809	18*35
50 (63) G		1.0	2.6	37
	2.2	1.8	55	8*11
	3.3	1.4	75	8*11

U _R 工作电压 (Surge Voltage) (浪涌电压) code	Rated Capa- Citance (标称容量)	Max Imp (阻抗) 20℃ 100KHZ	Rated Rippe Current (文 笔电流) 115℃ 100KHZ	Size ΦD*L (尺寸)	
(V)	(μF)	(Ω)	(mArms)	(mm)	
50 (63) G	4.7	0.86	105	8*11	
	6.8	0.86	165	8*11	
	10	0.65	210	8*11	
	20	0.38	265	8*11	
	33	0.28	309	8*11	
	47	0.28	410	8*16	
	100	0.18	530	10*12	
	220	0.085	880	10*20	
	330	0.065	1010	12.5*20	
	470	0.051	1205	12.5*25	
	1000	0.039	2185	16*30	
	1500	0.035	2306	16*25	
	2200	0.029	2875	18*40	
	63 (79) H	22	2.2	125	8*11
33		1.5	150	8*11	
47		0.62	520	10*12	
100		0.39	670	10*16	
220		0.17	1055	12.5*20	
330		0.14	1278	12.5*25	
470		0.098	1455	12.5*30	
80 (100) I		22	1.52	155	8*11
		33	0.84	475	10*12
		47	0.79	510	10*12
	100	0.41	789	10*20	
	220	0.19	1245	12.5*25	
	330	0.16	1398	12.5*30	
	470	0.12	1480	16*25	
	100 (125) J	4.7	2.1	133	8*11
10		1.52	152	8*11	
22		0.84	480	10*12	
33		0.75	520	10*12	
47		0.56	632	10*16	
100		0.24	980	12.5*20	
220		0.12	1480	16*25	
120 (150) K	4.7	5.2	142	8*11	
	10	3.5	165	8*11	
	22	2.2	240	10*16	
	33	1.9	330	10*16	
	47	1.5	450	12.5*20	
	100	1.2	605	16*25	