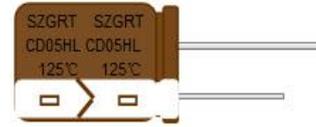


CD05HL 05HL Series (CD05HL 系列)

Standard 125°C (标准 125°C)

Load life of 5000hours at 125°C

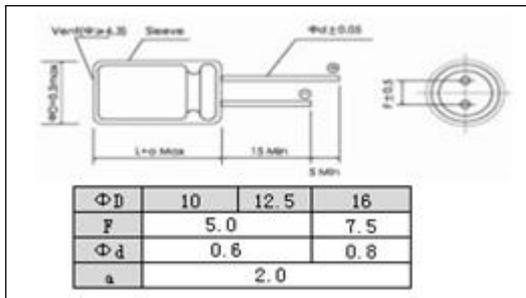
ROHS Compliant (符合 ROHS 规定)



Ltems (项目)	characteristics (特性)																
Operating Temperature Range(°C) (工作温度范围)	-40~+125																
Voltage Range (V)电压范围)	200 ~ 450																
CapacitanceTolerance (容量偏差范围) (20°C,120Hz)	±20%、																
Leakage Current (漏电流) (μA)	After 1 minutes at 20°C application of rated voltage, leakage current is not more than 0.03CV+25 20°C 以下 1 分钟加额定电压以后测试漏电流不超过 0.03CV+25μA																
Dissipation Factor (损耗系数) (20°C, 120Hz)	<table border="1"> <tr> <td>Rated Voltage(V) (额定电压)</td> <td>200</td> <td>250</td> <td>350</td> <td>400</td> <td>450</td> </tr> <tr> <td>Tan δ(max) (损耗系数)</td> <td>0.08</td> <td>0.08</td> <td>0.10</td> <td>0.10</td> <td>0.12</td> </tr> </table>					Rated Voltage(V) (额定电压)	200	250	350	400	450	Tan δ(max) (损耗系数)	0.08	0.08	0.10	0.10	0.12
Rated Voltage(V) (额定电压)	200	250	350	400	450												
Tan δ(max) (损耗系数)	0.08	0.08	0.10	0.10	0.12												
Stability at Low Temperature (Impedance Ratio at 120Hz) (低温阻抗比)	<table border="1"> <tr> <td>Rated Voltage(V) (额定电压)</td> <td>200</td> <td>250</td> <td>350</td> <td>400</td> <td>450</td> </tr> <tr> <td>Z-40°C / Z +20°C (阻抗比)</td> <td colspan="2">8</td> <td colspan="3">10</td> </tr> </table>					Rated Voltage(V) (额定电压)	200	250	350	400	450	Z-40°C / Z +20°C (阻抗比)	8		10		
Rated Voltage(V) (额定电压)	200	250	350	400	450												
Z-40°C / Z +20°C (阻抗比)	8		10														
	Load Life (额定负载寿命)	Shelf Life (储存寿命)															
Lifetime (寿命)	125°C 5000h	1000h															
Leakage Current (漏电流)	Not more than specified value (不超过额度值)	Not more than specified value (不超过额度值)															
Capacitance Change (容量偏差范围)	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 (电压纹波电流、温度条件)	UR IR 125°C	<table border="1"> <tr> <td>UR = 0</td> <td rowspan="3">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)</td> </tr> <tr> <td>IR = 0</td> </tr> <tr> <td>105°C</td> </tr> </table>	UR = 0	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)	IR = 0	105°C											
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IR = 0																	
105°C																	

Dimensions (产品尺寸图)

mm



frequency coefficient (频率系数)

frequency Cap	120Hz	1kHz	10kHz	100kHz
2.2-6.8	0.50	0.80	0.90	1.0
10-15	0.65	0.85	0.95	1.0
22-33	0.70	0.90	0.95	1.0

Temperature Coefficient (温度系数)

Temperature(°C)	+70	+85	+125
Coefficient(v)			
200~450	2.0	1.7	1.0

Ratings for CD05HL 05HL series (CD05HL 系列)

U _R (Surge Voltage) code 工作电压 (浪涌电压) 编码	Rated Capa-citance 标称容量	Rated Rippe Current 纹波电流 125℃100KHz	Size ΦD*L 尺寸
(V)	(μ F)	(mArms)	(mm)
200 (250) 2D	6.8	200	10*16
	8.2	203	10*16
	10	230	10*16
	15	327	10*20
	22	430	12.5*20
	33	500	12.5*20
250 (300) 2E	6.8	169	10*16
	8.2	203	10*16
	10	250	10*20
	15	327	10*20
	22	430	12.5*20
	33	530	12.5*25
350 (400) 2V	10	250	12.5*20
	15	335	12.5*25
	22	450	16*25
	33	535	16*30
400 (450) 2G	2.2	92	10*16
	2.8	100	10*16
	3.3	105	10*16
	4.7	150	12.5*20
	5.6	165	12.5*20
	6.8	225	12.5*20
	8.2	230	12.5*20
	10	280	12.5*25
	15	335	16*20
450 (500) 2W	2.2	77	10*16
	2.8	80	10*16
	3.3	92	10*20
	4.7	104	10*20
	5.6	144	12.5*20
	6.8	175	12.5*20
	8.2	183	12.5*20
	10	225	12.5*20
	15	294	12.5*25
22	395	16*25	