



DE 系列

Ratings for DE Series

105°C 8000小时

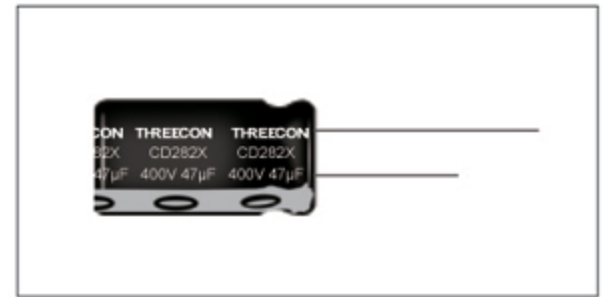
- 适用于大功率LED球泡灯及室外路灯、矿灯等驱动电源及其他电子线路中

- RoHS 指令对应品

8000h at 105°C

- For power supply circuit and other electronic circuit of high-power LED bulb, outdoor street lamp and miner's lamp, etc

- RoHS compliance



项目 Item	特性 Characteristics																
使用温度范围(°C) Operating Temperature Range	-40~+105°C																
额定电压范围(V) Voltage Range	160~500																
标称电容量范围(µF) Capacitance Range	10~470																
标称电容量允许偏差) Capacitance Tolerance(20°C, 120Hz)	±20%																
漏电流(µA) Leakage Current	$I \leq 0.03CV + 25 \mu A$ (20°C, 1分钟) $I \leq 0.03CV + 25 \mu A$ (at 20°C, after 1 minutes) C: 标称电容量 (µF) V: 额定电压 (V) C: Nominal Capacitance (µF) V: Rated Voltage (V)																
损耗角正切值 (tg δ) Dissipation Factor(20°C, 120Hz)	<table border="1"> <thead> <tr> <th>额定电压 Rated Voltage (V)</th> <th>160</th> <th>200</th> <th>250</th> <th>350</th> <th>400</th> <th>450</th> <th>500</th> </tr> </thead> <tbody> <tr> <td>损耗角正切值 Tan δ(max)</td> <td>0.15</td> <td>0.12</td> <td>0.12</td> <td>0.15</td> <td>0.15</td> <td>0.20</td> <td>0.20</td> </tr> </tbody> </table>	额定电压 Rated Voltage (V)	160	200	250	350	400	450	500	损耗角正切值 Tan δ(max)	0.15	0.12	0.12	0.15	0.15	0.20	0.20
额定电压 Rated Voltage (V)	160	200	250	350	400	450	500										
损耗角正切值 Tan δ(max)	0.15	0.12	0.12	0.15	0.15	0.20	0.20										
低温特性 Stability at low Temperature (Max Impadance Ratio at 120Hz)	<table border="1"> <thead> <tr> <th>额定电压 (V) Rated Voltage</th> <th>160</th> <th>200</th> <th>250</th> <th>350</th> <th>400</th> <th>450</th> <th>500</th> </tr> </thead> <tbody> <tr> <td>Z(-40°C)/Z(+20°C)</td> <td>7</td> <td colspan="2">5</td> <td colspan="4">7</td> </tr> </tbody> </table>	额定电压 (V) Rated Voltage	160	200	250	350	400	450	500	Z(-40°C)/Z(+20°C)	7	5		7			
额定电压 (V) Rated Voltage	160	200	250	350	400	450	500										
Z(-40°C)/Z(+20°C)	7	5		7													

项目 Item	负载寿命 Load Life	耐久试验 Endurance Test	高温贮存 shelf Life
寿命 Lifetime	8000h	8000h	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
容量变化率 Capacitance Change	初始值 ± 30%以内 Within ± 30% of initial Value	初始值 ± 30%以内 Within ± 30% 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3倍 Not more than 300% 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 105°C	U_r $I_r=0$ 105°C	$U_r=0$ $I_r=0$ 105°C <div style="border: 1px solid black; padding: 5px; width: fit-content;"> 试验后: 施加额定电压30分 钟后恢复24小时 After test: U_r to be applied for 30min >24h before measurement </div>

CD282X 系列

Ratings for CD282X Series

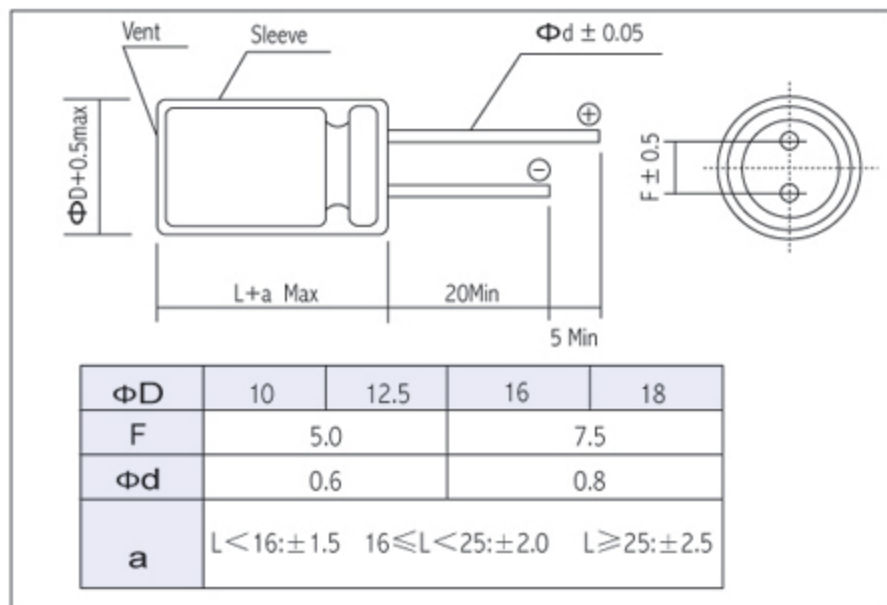
U _R (Surge Voltage) Code	Rated Capacitance	Rated Ripple Current 105°C 120HZ	Size Φ DXL
(V)	(μF)	(mArms)	(mm)
160V (2C) (200V)	47	312	12.5×20
	56	352	12.5×20
	68	480	12.5×20
	82	512	12.5×20
		523	16×20
	100	632	12.5×25
		635	16×25
	150	770	16×20
		790	16×25
	220	1010	16×25
1035		18×25	
200V (2D) (250V)	330	1405	18×30
	470	1850	18×40
	33	268	12.5×20
		312	12.5×20
	47	392	12.5×20
		472	12.5×20
	68	486	12.5×25
		555	16×20
	100	633	16×20
		656	16×25
150	842	16×25	
	866	16×30	
220	872	18×25	
	1052	18×25	
330	1070	18×30	
	1430	18×35	
350	1465	18×40	
	33	326	12.5×20
250 (2E) (300V)	39	346	12.5×20
	47	392	12.5×20
		405	12.5×25
	68	530	16×20
		548	16×20
	82	568	16×30
		675	16×25
	100	705	18×25
		855	18×25
	220	1120	18×30
1150		18×40	
350 (2V) (400V)	22	265	12.5×20
	33	365	16×20
	39	386	16×20
	47	435	16×20
		446	16×25
	68	570	16×25
		560	18×20
		570	18×25
	82	620	18×25
		710	18×25
	100	735	18×30
		826	18×30
	150	980	18×35
	180	1250	18×40

U _R (Surge Voltage) Code	Rated Capacitance	Rated Ripple Current 105°C 120HZ	Size Φ DXL	
(V)	(μF)	(mArms)	(mm)	
400 (2G) (450V)	10	145	10×20	
	15	225	12.5×20	
	22	262	12.5×20	
		273	12.5×25	
	33	370	16×20	
	39	408	16×25	
	47	475	16×25	
		460	18×20	
		482	16×30	
	56	522	10×50	
	68	602	12.5×40	
		592	18×25	
	82	626	12.5×45	
		612	18×25	
		631	18×30	
	100	792	12.5×50	
		767	18×30	
		786	18×35	
877		18×35		
150	982	18×40		
180	1350	18×50		
450 (2W) (500V)	10	186	12.5×20	
	15	249	12.5×25	
	22	296	16×20	
	33	415	10×40	
		395	16×25	
		386	18×20	
	39	430	10×45	
		420	18×25	
	47	510	12.5×40	
		498	18×25	
	56	555	12.5×40	
		642	18×30	
	68	728	12.5×50	
		725	18×35	
	82	810	18×40	
		1050	18×45	
	500 (2H) (550V)	10	205	12.5×25
		15	271	12.5×30
22		320	16×25	
33		435	10×45	
		425	18×30	
39		465	10×50	
		450	18×30	
47		540	12.5×45	
		525	18×30	
56		575	12.5×45	
68		670	18×35	
82		758	12.5×55	
		752	18×40	
100		860	18×50	



CD282X 系列
Ratings for CD282X Series

外形图尺寸表 Dimensions mm



RADIAL

频率系数 Frequency Coefficient

容量 Cap(μF)	频率 Frequency			
	120Hz	1kHz	10kHz	100kHz
<100	1	1.75	2.25	2.5
≥100	1	1.67	2.05	2.25