



WH 系列

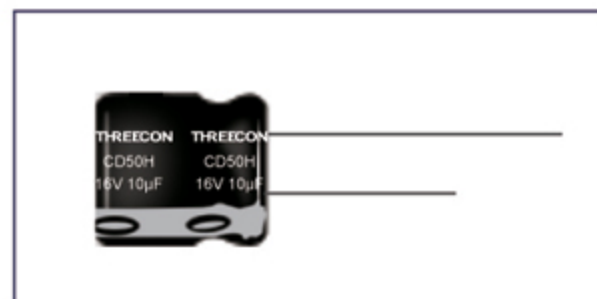
Ratings for WH Series

105°C 1000小时

- Φ4~Φ6.3 5mm高

1000h at 105°C

- 5mm height at case dia.4~6.3



项目 Item	特性 Characteristics																					
使用温度范围(°C) Operating Temperature Range	-55~+105																					
额定电压范围(V) Voltage Range	6.3~50																					
标称容量范围(μF) Capacitance Range	0.1~100																					
标称容量允许偏差 Capacitance Tolerance(20°C, 120Hz)	± 20%																					
漏电流(μA) Leakage Current	$I \leq 0.01CV$ 或 $3 \mu A$, 取较大者 (20°C, 2分钟) $I \leq 0.01CV$ or $3 \mu A$ whichever is greater (at 20°C, after 2 minutes) C: 标称容量 (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>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <tr> <td>损耗角正切值 Tan δ(max)</td> <td>0.28</td> <td>0.24</td> <td>0.20</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> </tr> </tbody> </table>	额定电压 Rated Voltage (V)	6.3	10	16	25	35	50	损耗角正切值 Tan δ(max)	0.28	0.24	0.20	0.14	0.12	0.10							
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低温特性 Stability at Low Temperature (Impedance Ratio at 120Hz)	<table border="1"> <thead> <tr> <th>额定电压 Rated Voltage(V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <tr> <td>Z-25°C / Z +20°C</td> <td colspan="2">3</td> <td colspan="4">2</td> </tr> <tr> <td>Z-40°C / Z +20°C</td> <td>8</td> <td>5</td> <td>4</td> <td colspan="3">3</td> </tr> </tbody> </table>	额定电压 Rated Voltage(V)	6.3	10	16	25	35	50	Z-25°C / Z +20°C	3		2				Z-40°C / Z +20°C	8	5	4	3		
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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	1000h	1000h	500h
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 ± 50%以内 Within ±50% 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 105°C	U _R I _R 105°C	U _R I _R =0 105°C	U _R =0 I _R =0 105°C 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

CD 50H 系列

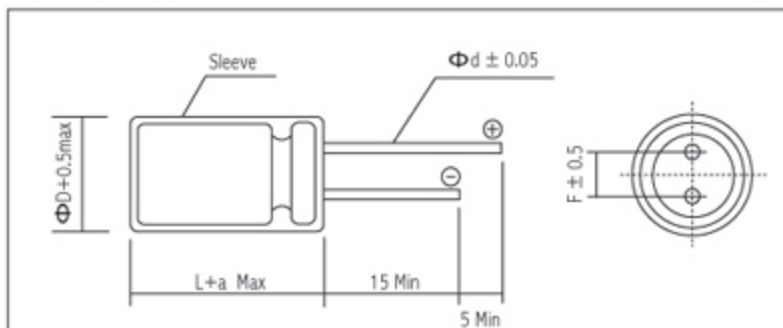
Ratings for CD 50H Series

U _R (Surge Voltage) Code	Rated Capacitance	Max ESR 20°C, 120HZ	Rated Ripple Current 105°C 120HZ	Size Φ DXL
(V)	(μF)	(Ω)	(mArms)	(mm)
6.3 (7.2) OJ	22	17	26	4×5
	33	11	33	5×5
	47	8	45	5×5
	100	4	78	6.3×5
10 (13) 1A	10	32	20	4×5
	22	14	34	5×5
	33	10	43	5×5
	47	7	58	6.3×5
16 (20) 1C	4.7	56	15	4×5
	10	27	23	4×5
	22	12	38	5×5
	33	8	56	6.3×5
25 (32) 1E	47	6	65	6.3×5
	4.7	45	18	4×5
	10	21	31	5×5
	22	10	53	6.3×5
35 (44) 1V	33	6	66	6.3×5
	3.3	48	17	4×5
	4.7	34	20	4×5
	10	16	34	5×5
50 (63) 1H	22	7	57	6.3×5
	0.1	1327	3	4×5
	0.22	603	5	4×5
	0.33	402	6	4×5
	0.47	282	8	4×5
	1	133	11	4×5
	2.2	60	17	4×5
	3.3	40	20	4×5
4.7	28	27	5×5	
10	13	45	6.3×5	

RADIAL

外形图尺寸表 Dimensions

mm 频率系数 Frequency Coefficient



ΦD	4	5	6.3
F	1.5	2.0	2.5
Φd	0.45		
a	1.0		

频率 Frequency	50Hz	120Hz	1KHz	≥10KHz
系数 Coefficient	0.7	1.0	1.36	1.50

温度系数 Temperature Coefficient

温度 Temperature(°C)	+70	+85	+105
系数 Factor	2.10	1.80	1.00