

#### LHA Series (For Audio) 焊片/焊针型铝电解电容器音响专用品

Aluminum Electrolytic Capacitor of  
Lug / Snap-in Type For Audio Application

- 105°C 2000小时 • 105°C 2000hours
- 对于音频应用减少了失真，实现高品质的声音。  
最适合作为音质优先级音响设备的电源滤波器。
- For audio application has reduced distortion, achieving high-quality sound.  
Best suited as power supply filters for sound quality priority audio equipment.

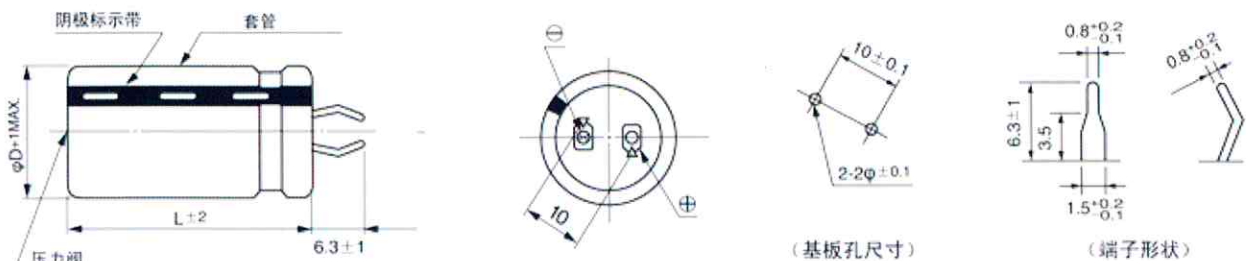


#### 主要技术性能 Specifications

使用温度范围 Operating Temperature Range	-40 ~ +105°C																
额定电压范围 Rated Voltage Range	16 ~ 100V DC																
标称电容量允许偏差 Capacitance Tolerance (120Hz, 20°C)	±20% (120Hz, 20°C)																
漏电流 Leakage Current	$I \leq 3\sqrt{CV}$ (μA) 或 1.5mA 取较大值 (20°C, 施加额定电压5分钟后) $I \leq 3\sqrt{CV}$ (μA) or 1.5mA Whichever is greater (20°C, after 5 minutes application of rated voltage)																
损耗角正切值 Dissipation Factor (120Hz, 20°C)	<table border="1"> <tr> <th>W.V.</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>80</th> <th>100</th> </tr> <tr> <td>Tg δ</td> <td>0.40</td> <td>0.40</td> <td>0.35</td> <td>0.30</td> <td>0.30</td> <td>0.30</td> <td>0.30</td> </tr> </table> <p>容量大于 1000 μF 者，每增加 1000 μF，其损耗角正切值增加 0.02 For capacitance exceeding 1000 μF, add 0.02 per increment of 1000 μF</p>	W.V.	16	25	35	50	63	80	100	Tg δ	0.40	0.40	0.35	0.30	0.30	0.30	0.30
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温度特性 (Impedance ratio at 120Hz)	<table border="1"> <tr> <th>W.V.</th> <th>16-100</th> </tr> <tr> <td>Z - 25°C/Z+20°C</td> <td>4</td> </tr> <tr> <td>Z - 40°C/Z+20°C</td> <td>15</td> </tr> </table>	W.V.	16-100	Z - 25°C/Z+20°C	4	Z - 40°C/Z+20°C	15										
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耐久性 Load Life	<p>+105°C 施加额定电压 2000 小时，恢复 24 小时后，电容器应满足要求 After applying rated voltage for 2000 hours at +105°C and then resumed 24 hours. The capacitor shall meet the following limits.</p> <table border="1"> <tr> <td>电容量变化率 Capacitance Change</td> <td>≤ ±20% 初始测量值 ≤ ±20% of Initial value</td> </tr> <tr> <td>漏电流值 Leakage</td> <td>≤ 规定值 ≤ The specified value</td> </tr> <tr> <td>损耗角正切值 Dissipation Factor</td> <td>≤ 2 倍规定值 ≤ 200% of the specified value</td> </tr> </table>	电容量变化率 Capacitance Change	≤ ±20% 初始测量值 ≤ ±20% of Initial value	漏电流值 Leakage	≤ 规定值 ≤ The specified value	损耗角正切值 Dissipation Factor	≤ 2 倍规定值 ≤ 200% of the specified value										
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高温放置 Shelf Life	<p>+105°C 施加额定电压 1000 小时，恢复 24 小时后，电容器应满足要求 After applying rated voltage for 1000 hours at +105°C and then resumed 24 hours. The capacitor shall meet the following limits.</p> <table border="1"> <tr> <td>电容量变化率 Capacitance Change</td> <td>≤ ±15% 初始测量值 ≤ ±15% of Initial measured value</td> </tr> <tr> <td>漏电流值 Leakage</td> <td>≤ 规定值 ≤ The specified value</td> </tr> <tr> <td>损耗角正切值 Dissipation Factor</td> <td>≤ 1.5 倍规定值 ≤ 150% of the specified value</td> </tr> </table>	电容量变化率 Capacitance Change	≤ ±15% 初始测量值 ≤ ±15% of Initial measured value	漏电流值 Leakage	≤ 规定值 ≤ The specified value	损耗角正切值 Dissipation Factor	≤ 1.5 倍规定值 ≤ 150% of the specified value										
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执行标准	JIS C 5101-4 (IEC 60384)																

#### 外形图及尺寸 Case size table

单位：mm



## LHA Series (NEW)

■ 标称电容量、额定电压、额定纹波电流及外形尺寸对应表  
Nominal capacitance, rated voltage, rated ripple current and case size table

WV Parameter ΦD × L(mm)	16V		25V		35V		50V		63V		80V		100V	
	μF	I~	μF	I~	μF	I~	μF	I~	μF	I~	μF	I~	μF	I~
22×20	3300	1.2	-	-	-	-	-	-	-	-	-	-	-	-
22×25	4700	1.5	2200	1	1500	0.8	1000	0.8	680	0.7	560	0.7	-	-
22×30	5600	1.7	3300	1.3	2200	1.3	1500	1.1	1000	0.9	680	0.7	470	0.8
22×35	6800	2	4700	1.7	3300	1.7	1800	1.2	1500	1.2	1000	1.0	680	0.8
22×40	8200	2.2	5600	1.9	3900	2.0	2200	1.5	1800	1.5	-	-	-	-
22×45	10000	2.7	6800	2.2	4700	2.3	2700	1.8	2200	1.6	1200	1.2	820	1.0
22×50	12000	3.0	8200	2.5	5600	2.7	3300	2.0	-	-	1500	1.3	1000	1.2
25×25	5600	1.7	3300	1.7	2200	1.7	1500	1.4	1000	1.2	680	1.0	470	0.8
25×30	6800	2.5	4700	2.1	3300	2.2	2200	1.8	1500	1.5	1000	1.2	680	1.1
25×35	10000	3.2	5600	2.2	3900	2.2	2700	1.8	1800	1.7	1200	1.2	820	1.1
25×40	12000	3.2	6800	2.7	4700	2.8	3300	2.3	2200	1.9	1500	1.6	1000	1.4
25×45	15000	3.2	8200	2.7	5600	2.8	3900	2.4	2700	2.0	1800	1.8	1200	1.5
25×50	18000	3.5	10000	3	6800	2.6	4700	2.4	3300	2.0	2200	2.0	1500	1.8
30×25	6800	2.6	4700	2.2	3300	2.3	2200	1.9	1500	1.6	1000	1.3	680	1.1
30×30	10000	3.3	6800	2.7	4700	2.8	3300	2.4	2200	1.9	1500	1.6	1000	1.4
30×35	15000	3.3	8200	3.0	5600	2.8	3900	2.4	2700	2.0	1800	1.8	1200	1.5
30×40	18000	3.5	10000	3.1	6800	2.7	4700	2.4	3300	2.1	2200	2.1	1500	1.8
30×45	22000	3.8	12000	3.3	8200	3.0	5600	2.8	3900	2.3	2700	2.1	1800	1.8
30×50	-	-	15000	3.5	10000	3.4	6800	3.1	4700	2.6	3300	2.2	2200	1.8
30×55	27000	4.2	18000	3.8	12000	3.7	8200	3.3	5600	2.9	3900	2.5	2700	2.0
30×60	33000	4.6	22000	4.3	15000	3.8	10000	3.5	6800	3.3	4700	3.0	3300	2.4
35×25	10000	3.4	6800	2.8	4700	2.9	3300	2.4	2200	2.0	1500	1.7	1000	1.5
35×30	12000	3.4	10000	3.1	6800	2.7	4700	2.5	3300	2.1	2200	2.1	1500	1.8
35×35	18000	3.6	12000	3.4	8200	3.0	5600	2.7	3900	2.3	2700	2.1	1800	1.8
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35×60	39000	5.0	33000	5.0	18000	4.3	-	-	-	-	5600	3.0	3900	2.5
35×65	47000	5.3	39000	5.3	22000	4.3	15000	4.2	10000	4.0	-	-	-	-

I~ 额定纹波电流 Rated ripple current : (A, 105°C.120Hz)