

系列：LHJ

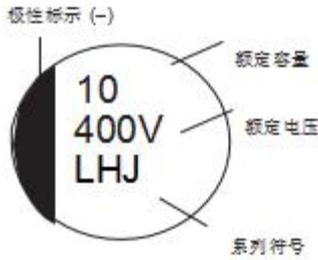
产品特点

- 高温无铅回流焊产品
- 保证时间：105℃ 2000 小时
- 适用于高密度表面组装
- 中高压, 长寿命
- 符合 RoHS 标准

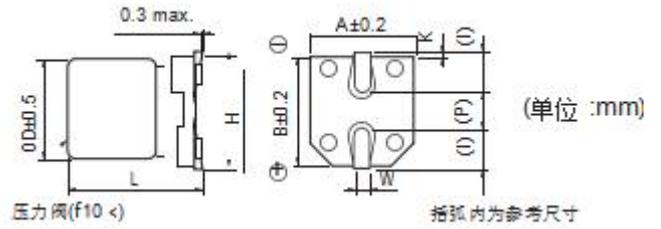
项目 Items	特性 Characteristics						
工作温度范围 Operating Temperature Range	-40℃ ~ +105℃						
额定电压范围 Rated Voltage Range	160V ~ 450V						
标称电容量范围 Nominal Capacitance Range	1 ~ 100 μF						
标称电容量允许偏差 Nominal Capacitance Tolerance	±20% (20℃, 120Hz)						
漏电流 Leakage Current	CV ≤ 1000 (160~400V) I ≤ 0.1C _R U _R + 40 (μA), CV ≥ 1000 (160~400V) I ≤ 0.04C _R U _R + 100uA 取较大者 (2 分钟) C _R : 标称电容量 (μF) U _R : 额定电压 (V) Whichever is greater (at 20℃, After 2 minutes) C _R : Nominal Capacitance (μF) U _R : Rated voltages (V)						
损耗角正切 (tg δ) Dissipation Factor (Max) 20℃, 120Hz	U _R (V)	160	200	250	400	420	450
	tg δ	0.20	0.20	0.20	0.24	0.24	0.26
耐久性 Load Life	+105℃施加额定电压条件, 电容器应满足 2000 小时 application of rated voltage at 105℃, the capacitor shall meet the following requirement 2000 HRS						
	电容量变化率 Capacitance Change	±30%初始值以内 Within ±30% of the initial value					
	损耗角正切 Dissipation Factor	≤ 300%初始规定值 Not more than 300% of the initial specified value					
	漏电流 Leakage Current	≤ 初始规定值 Not more than the initial specified value					
高温贮存 Shelf Life	+105℃贮存 1000 小时后, 电容器应满足以上耐久性要求 After storage for 1000 hours at +105℃, the capacitors shall meet the requirement of load life above						
低温特性 Low Temperature Stability 阻抗比 Impedance Ratio (120Hz)	U _R (V)	160	200	250	400	420	450
	Z(-25℃)/Z(+20℃)	3	3	3	5	5	5
	Z(-40℃)/Z(+20℃)	6	6	6	6	6	6
耐焊接热 Resistance to Soldering Heat	在 250℃的条件下, 电容器在热板上保持 30 秒, 然后从热板上取出电容器, 让其在室温下恢复, 电容器应满足以下要求: The capacitors shall be kept on the hot plate maintained at 250℃ for 30 seconds. After removing from the hot plate and restored at room temperature, they meet the following requirement.						
	电容量变化率 Capacitance Change	±10%初始值以内 Within ±10% of the initial value					
	损耗角正切 (tg δ) Dissipation Factor	≤ 初始规定值 Not more than the initial specified value					
	漏电流 Leakage Current	≤ 初始规定值 Not more than the initial specified value					
AEC-Q200	符合 AEC-Q200						

标示

例：400V.DC 10uF LHJ系列



外观尺寸



φ D	L	A, B	H.	I	W	P	K
6.3	7.7±0.3	6.6	7.8	2.4	0.5~0.8	2.2	0.35 + 0.15 - 0.20
6.3	10.5±0.3	6.6	7.8	2.4	0.5~0.8	2.2	
8	10.5±0.5	8.3	10	3.4	0.8~1.1	3.1	0.70±0.20
8	12.5±0.5	8.3	10	3.4	0.8~1.1	3.1	0.70±0.20
10	10.5±0.5	10.3	12	3.5	0.8~1.1	4.5	0.70±0.20
10	12.5±0.5	10.3	12	3.5	0.8~1.1	4.5	0.70±0.20
12.5	13.5±0.5	13.5	15	4.7	1.1~1.4	4.4	0.70±0.20
12.5	16.5±0.5	13.5	15	4.7	1.1~1.4	4.4	0.70±0.20
16	16.5±0.5	17	19	5.5	1.1~1.4	6.4	0.70±0.20
16	21.5±0.5	17	19	5.5	1.1~1.4	6.4	0.70±0.20
18	16.5±0.5	19	21	6.7	1.1~1.4	6.4	0.70±0.20
18	21.5±0.5	19	21	6.7	1.1~1.4	6.4	0.70±0.20

特性一览表 1

额定电压 (V. DC)	静电容量 (±20%) (uF)	产品尺寸(mm)		电气特性		料号	最小包装 数量 (PCS)
		φ D	L	额定纹波电流 (120HZ) (+105℃)	tan δ (120HZ) (+20℃)		
160	1	6.3	7.7	15	0.20	LHJ2C1ROME07700LP0	1000
	2.2	6.3	7.7	20	0.20	LHJ2C2R2ME07700LP0	1000
	3.3	6.3	7.7	25	0.20	LHJ2C3R3ME07700LP0	1000
	4.7	6.3	7.7	30	0.20	LHJ2C4R7ME07700LP0	1000
	5.6	6.3	10.5	57	0.20	LHJ2C5R6ME10500LP0	700
	6.8	6.3	10.5	60	0.20	LHJ2C6R8ME10500LP0	700
	6.8	8	10.5	70	0.20	LHJ2C6R8MF10500LP0	500
	10	8	10.5	90	0.20	LHJ2C100MF10500LP0	500
	12	8	10.5	95	0.20	LHJ2C120MF10500LP0	500
	15	8	10.5	110	0.20	LHJ2C150MF10500LP0	500
	22	10	10.5	150	0.20	LHJ2C220MG10500LP0	500
	33	10	12.5	195	0.20	LHJ2C330MG12500LP0	400
	47	12.5	13.5	275	0.20	LHJ2C470MI13500LP0	200
	56	12.5	13.5	300	0.20	LHJ2C560MI13500LP0	200
	68	12.5	13.5	330	0.20	LHJ2C680MI13500LP0	200
	100	16	16.5	500	0.20	LHJ2C101MJ16500LP0	125

特性一览表 2

额定电压 (V. DC)	静电容量 (±20%) (uF)	产品尺寸(mm)		电气特性		料号	最小包装 数量 (PCS)
		φD	L	额定纹波电流 (120HZ) (+105℃) (mA r. m. s)	tan δ (120HZ) (+20℃)		
200	1	6.3	7.7	15	0.20	LHJ2D1ROME07700LP0	1000
	2.2	6.3	7.7	20	0.20	LHJ2D2R2ME07700LP0	1000
	3.3	6.3	7.7	25	0.20	LHJ2D3R3ME07700LP0	1000
	4.7	6.3	7.7	30	0.20	LHJ2D4R7ME07700LP0	1000
	4.7	6.3	10.5	40	0.20	LHJ2D4R7ME10500LP0	700
	5.6	6.3	10.5	45	0.20	LHJ2D5R6ME10500LP0	700
	6.8	6.3	10.5	50	0.20	LHJ2D6R8ME10500LP0	700
	6.8	8	10.5	65	0.20	LHJ2D6R8MF10500LP0	500
	10	8	10.5	85	0.20	LHJ2D100MF10500LP0	500
	12	8	10.5	90	0.20	LHJ2D120MF10500LP0	500
	15	8	12.5	110	0.20	LHJ2D150MF12500LP0	400
	22	10	10.5	140	0.20	LHJ2D220MG10500LP0	500
	33	10	12.5	185	0.20	LHJ2D330MG12500LP0	400
	47	12.5	13.5	260	0.20	LHJ2D470MI13500LP0	200
	56	12.5	13.5	280	0.20	LHJ2D560MI13500LP0	200
	68	12.5	16.5	340	0.20	LHJ2D680MI16500LP0	200
100	16	16.5	480	0.20	LHJ2D101MJ16500LP0	125	
250	1	6.3	7.7	15	0.20	LHJ2E1ROME10500LP0	1000
	2.2	6.3	7.7	20	0.20	LHJ2E2R2ME10500LP0	1000
	3.3	6.3	7.7	25	0.20	LHJ2E3R3ME10500LP0	1000
	4.7	6.3	10.5	50	0.20	LHJ2E4R7ME10500LP0	700
	5.6	8	10.5	55	0.20	LHJ2E5R6MF10500LP0	500
	6.8	8	10.5	75	0.20	LHJ2E6R8MF10500LP0	500
		8	12.5	85	0.20	LHJ2E6R8MF12500LP0	400
	10	8	12.5	100	0.20	LHJ2E100MF12500LP0	400
	12	8	12.5	110	0.20	LHJ2E120MF12500LP0	400
	15	10	12.5	150	0.20	LHJ2E150MG12500LP0	400
	22	12.5	13.5	215	0.20	LHJ2E220MI13500LP0	200
	33	12.5	13.5	260	0.20	LHJ2E330MI13500LP0	200
	47	12.5	13.5	280	0.20	LHJ2E470MI13500LP0	200
	56	16	16.5	390	0.20	LHJ2E560MI16500LP0	125
	68	16	16.5	475	0.20	LHJ2E680MI16500LP0	125
	100	18	16.5	620	0.20	LHJ2E101MK16500LP0	125
400	1	6.3	7.7	12	0.24	LHJ2G1ROME07700LP0	1000
	1	6.3	10.5	25	0.24	LHJ2G1ROME10500LP0	700
	2.2	6.3	10.5	35	0.24	LHJ2G2R2ME10500LP0	700
		8	10.5	45	0.24	LHJ2G2R2MF10500LP0	500
	3.3	8	10.5	50	0.24	LHJ2G3R3MF10500LP0	500
	4.7	8	10.5	60	0.24	LHJ2G4R7MF10500LP0	500
		8	12.5	65	0.24	LHJ2G4R7MF12500LP0	400
	5.6	10	10.5	75	0.24	LHJ2G5R6MG10500LP0	500
	6.8	8	12.5	75	0.24	LHJ2G6R8MF12500LP0	400
		10	10.5	82	0.24	LHJ2G6R8MG10500LP0	500
	10	10	12.5	110	0.24	LHJ2G100MG12500LP0	400
	12	10	12.5	120	0.24	LHJ2G120MG12500LP0	400
	15	12.5	13.5	150	0.24	LHJ2G150MI13500LP0	200
	22	12.5	16.5	200	0.24	LHJ2G220MI16500LP0	200
	33	16	16.5	290	0.24	LHJ2G330MJ16500LP0	125
	47	16	16.5	345	0.24	LHJ2G470MK16500LP0	125

特性一览表 3

额定电压 (V. DC)	静电容量 (±20%) (uF)	产品尺寸(mm)		电气特性		料号	最小包装 数量 (PCS)
		φ D	L	额定纹波电流 (120HZ) (+105℃)	tan δ (120HZ) (+20℃)		
400	56	18	16.5	355	0.24	LHJ2G560MK16500LP0	125
420	1	6.3	10.5	20	0.24	LHJW61R0ME10500LP0	700
	2.2	6.3	10.5	30	0.24	LHJW62R2ME10500LP0	700
	3.3	8	10.5	41	0.24	LHJW63R3MF10500LP0	500
	4.7	8	12.5	53	0.24	LHJW64R7MF12500LP0	400
	5.6	8	12.5	58	0.24	LHJW65R6MF12500LP0	400
	6.8	10	10.5	67	0.24	LHJW66R8MG10500LP0	500
	10	10	12.5	90	0.24	LHJW6100MG12500LP0	400
	12	12.5	13.5	115	0.24	LHJW6120MI13500LP0	200
	15	12.5	13.5	130	0.24	LHJW6150MI13500LP0	200
450	1	6.3	10.5	20	0.26	LHJ2W1R0ME10500LP0	700
	2.2	8	10.5	30	0.26	LHJ2W2R2ME10500LP0	700
	3.3	8	10.5	41	0.26	LHJ2W3R3MF10500LP0	500
	4.7	10	10.5	56	0.26	LHJ2W4R7MG10500LP0	500
	5.6	10	10.5	67	0.26	LHJ2W5R6MG10500LP0	500
	6.8	10	10.5	67	0.26	LHJ2W6R8MG10500LP0	500
	10	12.5	13.5	105	0.26	LHJ2W100MI13500LP0	200
	12	12.5	13.5	115	0.26	LHJ2W120MI13500LP0	200
	15	12.5	13.5	125	0.26	LHJ2W150MI13500LP0	200

■ Frequency coefficient of ripple current

Frequency	50Hz	120Hz	300HZ	1KHz	≥ 10KHz
Coefficient	0.80	1.00	1.25	1.40	1.60