

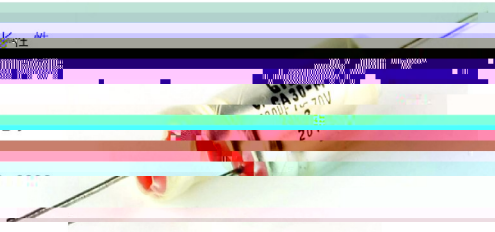


QJ300型

非固定电压铝质铝壳电容器

特征与用途

- 密封式、半密封式、圆柱形、轴向引出、埋焊
- 特点：
 - 外套绝缘套等，有极性
 - 电性能优良，寿命可靠，漏电流小，寿命长
- 使用：
 - 适用于兵器、电子、通讯等领域
 - 适用于交流或脉动电路
- 执行标准：QZJ840628、QJ/PWV139-2008
- 订货格式：CA30240Q330P-F-N100A



主要技术数据

使用温度范围： $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ ($>85^{\circ}\text{C}$ 时，施加类别电压使用)

额定电压、类别电压、标称容量见下表

电容量允许偏差：K级： $\pm 10\%$ ；M级： $\pm 20\%$

室温漏电流： $< 0.008C_0 U_0$ (mA) (在额定电压下)

$I \leq 0.008C_0 U_0$ (mA) (在额定电压下)

耐热冲击 (100%)：不超过表2规定

耐湿： -55°C 耐湿：不超过表2规定

外形尺寸和最大重量：见图1和表1

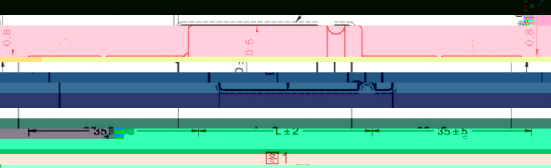


图1

表1 电容器的外形尺寸和最大重量

外形代号	最大容量 (μF)	外形尺寸 (不含绝缘套)	
		$\phi \pm 0.5$ (mm)	$L \pm 2$ (mm)
2	0	6	14
3	7	8	16
4	10	8	22
5	14	10	22
6	20	10	28
7	20	10	30
8	23	10	32

注：外套绝缘套的直径比 ϕ 增加0.4mm长度

表2 额定电压、类别电压、标称容量、电容量、电容量偏差、漏电流、耐热冲击、耐湿

额定电压 (V)	类别电压 (V)	标称容量 (μF)	电容量 (μF)		电容量偏差 (%)	漏电流 (mA)	耐热冲击 (100%)	耐湿 (100%)
			125°C	100Hz				
0	0	0.01	0.01	0.01	±10	0.0001	0	0
0	1.5	6	1400	1400	±10	0.0001	0	0
0	2.2	6	1100	1100	±10	0.0001	0	0
0	3.3	6	700	700	±10	0.0001	0	0
0	10	8	260	260	±10	0.0001	0	0
0	15	10	180	180	±10	0.0001	0	0
0	22	10	125	125	±10	0.0001	0	0
0	33	12	125	125	±10	0.0001	0	0
0	47	15	125	125	±10	0.0001	0	0
0	68	18	125	125	±10	0.0001	0	0
1	150	30	80	80	±10	0.0001	0	0
1	220	40	70	70	±10	0.0001	0	0
2	330	60	60	60	±10	0.0001	0	0
2	470	50	50	50	±10	0.0001	0	0
3	680	50	35	35	±10	0.0001	0	0
4	1500	60	20	20	±10	0.0001	0	0
5	2200	70	20	20	±10	0.0001	0	0
6	3300	80	15	15	±10	0.0001	0	0
0	10	0	1800	1800	±10	0.0001	0	0
0	15	0	1400	1400	±10	0.0001	0	0
0	22	0	1100	1100	±10	0.0001	0	0
0	33	0	700	700	±10	0.0001	0	0
0	47	0	500	500	±10	0.0001	0	0
0	68	0	350	350	±10	0.0001	0	0
0	100	0	220	220	±10	0.0001	0	0
0	150	0	150	150	±10	0.0001	0	0
0	220	0	100	100	±10	0.0001	0	0
0	330	0	70	70	±10	0.0001	0	0
0	470	0	50	50	±10	0.0001	0	0
0	680	0	35	35	±10	0.0001	0	0
0	1000	0	25	25	±10	0.0001	0	0
0	1500	0	20	20	±10	0.0001	0	0
0	2200	0	15	15	±10	0.0001	0	0
0	3300	0	10	10	±10	0.0001	0	0
0	4700	0	7	7	±10	0.0001	0	0
0	6800	0	5	5	±10	0.0001	0	0
0	10000	0	3	3	±10	0.0001	0	0



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表1(续) 额定电压、标称电容、外形尺寸和主要特征

表2(续) 额定电压、标称电容、外形尺寸和主要特征

表2(续) 额定电压

额定电压 (V)	标称电容 (μF)	外形尺寸 (mm)	主要特征	额定电压 (V)	标称电容 (μF)	外形尺寸 (mm)	主要特征
0.22	6	1100		5	330		
0.33	6	700		5	470	30 35	
0.47	6	500	40 40	6	680	40 40	30 35
0.68	8	300		7	1000	45 30	68 190
1.0	10	260		8	1200	50 25	75 220
1.5	10	175		10	1.0	6	1800
2.2	10	150		15	1.5	6	1400
3.3	12	110		20	2.2	6	1100
4.7	12	90		30	3.3	6	700
6.8	20	75		40	4.7	6	500
10	30	45		50	6.8	8	260
15	40	40	35 35	75	10	10	260
22	40	40	35 35	100	15	10	175
33	40	30		150	22	12	150
47	40	30		220	33	12	110
68	50	25		330	47	15	80
100	50	25		470	68	15	75
150	60	20		680	100	20	65
220	60	20		1000	150	20	50
330	60	20		1500	220	25	45
470	60	20		2200	330	25	45
680	60	20		3300	470	35	35
1000	60	20		4700	680	35	35
1500	60	20		6800	1000	35	35
2200	60	20		10000	1500	35	35
3300	60	20		15000	2200	35	35
4700	60	20		22000	3300	35	35
6800	60	20		33000	4700	35	35
10000	60	20		47000	6800	35	35
15000	60	20		68000	10000	35	35
22000	60	20		100000	15000	35	35
33000	60	20		150000	22000	35	35
47000	60	20		220000	33000	35	35
68000	60	20		330000	47000	35	35
100000	60	20		470000	68000	35	35
150000	60	20		680000	100000	35	35
220000	60	20		1000000	150000	35	35
330000	60	20		1500000	220000	35	35
470000	60	20		2200000	330000	35	35
680000	60	20		3300000	470000	35	35
1000000	60	20		4700000	680000	35	35
1500000	60	20		6800000	1000000	35	35
2200000	60	20		10000000	1500000	35	35
3300000	60	20		15000000	2200000	35	35
4700000	60	20		22000000	3300000	35	35
6800000	60	20		33000000	4700000	35	35
10000000	60	20		47000000	6800000	35	35
15000000	60	20		68000000	10000000	35	35
22000000	60	20		100000000	15000000	35	35
33000000	60	20		150000000	22000000	35	35
47000000	60	20		220000000	33000000	35	35
68000000	60	20		330000000	47000000	35	35
100000000	60	20		470000000	68000000	35	35
150000000	60	20		680000000	100000000	35	35
220000000	60	20		1000000000	150000000	35	35
330000000	60	20		1500000000	220000000	35	35
470000000	60	20		2200000000	330000000	35	35
680000000	60	20		3300000000	470000000	35	35
1000000000	60	20		4700000000	680000000	35	35
1500000000	60	20		6800000000	1000000000	35	35
2200000000	60	20		10000000000	1500000000	35	35
3300000000	60	20		15000000000	2200000000	35	35
4700000000	60	20		22000000000	3300000000	35	35
6800000000	60	20		33000000000	4700000000	35	35
10000000000	60	20		47000000000	6800000000	35	35
15000000000	60	20		68000000000	10000000000	35	35
22000000000	60	20		100000000000	15000000000	35	35
33000000000	60	20		150000000000	22000000000	35	35
47000000000	60	20		220000000000	33000000000	35	35
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470000000000	60	20		2200000000000	330000000000	35	35
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1500000000000000	60	20		6800000000000000	1000000000000000	35	35
2200000000000000	60	20		10000000000000000	1500000000000000	35	35
3300000000000000	60	20		15000000000000000	2200000000000000	35	35
4700000000000000	60	20		22000000000000000	3300000000000000	35	35
6800000000000000	60	20		33000000000000000	4700000000000000	35	35
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68000000000000000	60	20		330000000000000000	47000000000000000	35	35
100000000000000000	60	20		470000000000000000	68000000000000000	35	35
150000000000000000	60	20		680000000000000000	100000000000000000	35	35
220000000000000000	60	20		1000000000000000000	150000000000000000	35	35
330000000000000000	60	20		1500000000000000000	220000000000000000	35	35
470000000000000000	60	20		2200000000000000000	330000000000000000	35	35
680000000000000000	60	20		3300000000000000000	470000000000000000	35	35
1000000000000000000	60	20		4700000000000000000	680000000000000000	35	35
1500000000000000000	60	20		6800000000000000000	1000000000000000000	35	35
2200000000000000000	60	20		10000000000000000000	1500000000000000000	35	35
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150000000000000000000	60	20		680000000000000000000	100000000000000000000	35	35
220000000000000000000							