

JVJ series

■ 特性

- 宽温长寿命
- 适用于高密度表面安装
- 高稳定性和可靠性

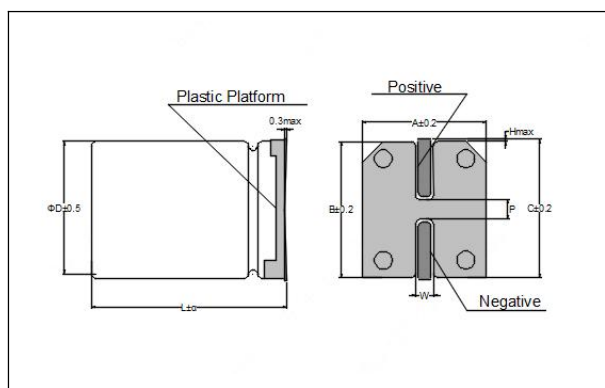


■ 仕样

项 目	条 件		性 能							
使用温度范围	-		-55°C~+105°C							
额定电压范围	-		10~100V							
额定静电容量范围*	-		1.0~22000μF							
额定静电容量容许差	120Hz, 20°C		±20%							
漏损电流(LC)*	2 分钟后		0.01CV 或 3μA (以较大值为准)							
额定电压 (V) *	-		6.3	10	16	25	35	50	63	100
损失角正切值(tan δ)	120Hz,20°C (XaX)	tan δ	0.30	0.24	0.20	0.18	0.16	0.14	0.14	0.14
		Notes	对于超过 1000μF 的产品, 每增加 1000μF, 其值便随之增加 0.02							
温度特性	阻抗率 (XaX.)	$Z_{(-25^{\circ}\text{C})}/Z_{(+20^{\circ}\text{C})}$	5	4	3	2	2	2	2	2
		$Z_{(-40^{\circ}\text{C})}/Z_{(+20^{\circ}\text{C})}$	10	8	6	4	3	3	3	3
耐久性	在 105°C下, 连续施加额定电压 2000 小时后(在额定电流下)满足以下项目									
	静电容量变化率		初始值的±30%以内							
	损失角正切率(tan δ)		初始标准值的 300%以下							
	漏损电流		初始标准值以下							
保质期	105°C	测试时长	1000 Hrs							
		其他	与耐久性测试相同							

■ 尺寸图

(单位: mm)



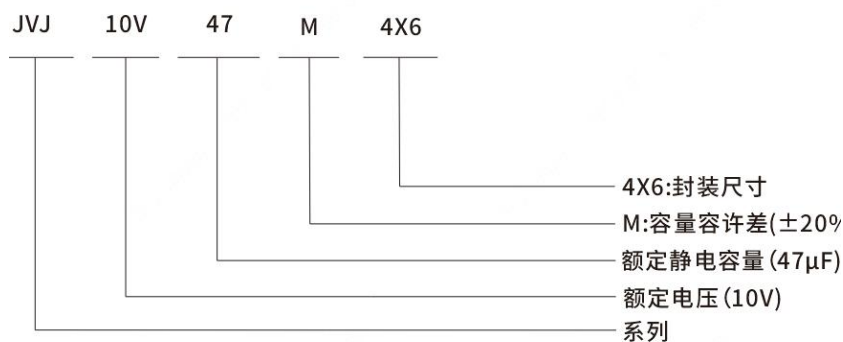
D	L	A	B	C	P	α	W
4	5.7	4.3	4.3	5.0	1.0	±0.3	0.5-0.8
5	5.7	5.3	5.3	6.0	1.5	±0.3	0.5-0.8
6.3	5.7	6.6	6.6	7.3	2.0	±0.3	0.5-0.8
6.3	7.7	6.6	6.6	7.3	2.0	±0.3	0.5-0.8
8.0	10.5	8.3	8.3	9.0	3.1	±0.5	0.7-1.2
10.0	10.5	10.3	10.3	11.0	4.7	±0.5	0.7-1.2

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■ 纹波电流速查表:

频率 补正系数	50Hz	120Hz	1KHz	10kHz up
Under 100	0.70	1.00	1.35	1.50
100~2200 μ F	0.80	1.00	1.20	1.30

品号编码体系 (例: 10V 47 μ F)



注释: 型号中 R 表示小数点, 如 4R7 表示 4.7 μ F

■ 电气特性

额定电压(V)	额定静电容量(μ F)	铝壳尺寸 Φ DXL(mm)	R.C.	$\tan \delta$	品号
10	22	4X5.7	20	0.24	JVJ10V22M4X6
	22	5X5.7	25	0.24	JVJ10V22M5X6
	33	4X5.7	22	0.24	JVJ10V33M4X6
	33	5X5.7	30	0.24	JVJ10V33M5X6
	47	4X5.7	25	0.24	JVJ10V47M4X6
	47	5X5.7	30	0.24	JVJ10V47M5X6
	68	5X5.7	40	0.24	JVJ10V68M5X6
	100	5X5.4	45	0.24	JVJ10V100M5X5
	100	6.3X5.7	53	0.24	JVJ10V100M6X6
	150	6.3X5.7	62	0.24	JVJ10V150M6X6
	220	6.3X5.4	70	0.24	JVJ10V220M6X5
	220	6.3X7.7	105	0.24	JVJ10V220M6X8
	330	6.3X7.7	130	0.24	JVJ10V330M6X8

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额定电压(V)	额定静电容量(μF)	铝壳尺寸Φ DXL(mm)	R.C.	tan δ	品号
10	470	6.3X7.7	150	0.24	JVJ10V470M6X8
	470	8X10.5	210	0.24	JVJ10V470M8X10
	680	8X10.5	240	0.24	JVJ10V680M8X10
	680	10X10.5	270	0.24	JVJ10V680M10X10
	1000	8X10.5	260	0.24	JVJ10V1000M8X10
	1000	10X10.5	315	0.24	JVJ10V1000M10X10
	1500	10X12.5	460	0.24	JVJ10V1500M10X12
16	10	4X5.7	18	0.20	JVJ16V10M4X6
	22	4X5.4	20	0.20	JVJ16V22M4X5
	22	5X5.7	27	0.20	JVJ16V22M5X6
	33	4X5.7	22	0.20	JVJ16V33M4X6
	33	5X5.7	28	0.20	JVJ16V33M5X6
	47	5X5.4	31	0.20	JVJ16V47M5X5
	47	6.3X5.7	48	0.20	JVJ16V47M6X6
	68	5X5.7	31	0.20	JVJ16V68M5X6
	68	6.3X5.7	48	0.20	JVJ16V68M6X6
	100	6.3X5.4	60	0.20	JVJ16V100M6X5
	150	6.3X5.7	65	0.20	JVJ16V150M6X6
	150	6.3X7.7	95	0.20	JVJ16V150M6X8
	220	6.3X7.7	110	0.20	JVJ16V220M6X8
	330	6.3X7.7	120	0.20	JVJ16V330M6X8
	330	8X10.5	195	0.20	JVJ16V330M8X10
	470	6.3X7.7	230	0.20	JVJ16V470M6X8
	470	8X10.5	230	0.20	JVJ16V470M8X10
	680	8X10.5	255	0.20	JVJ16V680M8X10
	680	10X10.5	315	0.20	JVJ16V680M10X10
	1000	10X10.5	330	0.20	JVJ16V1000M10X10
	1000	10X12.5	390	0.20	JVJ16V1000M10X12
25	4.7	4X5.7	13	0.18	JVJ25V4R7M4X6
	6.8	4X5.7	14	0.18	JVJ25V6R8M4X6
	10	4X5.7	14	0.18	JVJ25V10M4X6
	10	5X5.7	20	0.18	JVJ25V10M4X6
	22	4X5.7	19	0.18	JVJ25V22M4X6
	22	5X5.4	25	0.18	JVJ25V22M5X5
	33	4X5.7	22	0.18	JVJ25V33M4X6
	33	5X5.7	29	0.18	JVJ25V33M5X6

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额定电压(V)	额定静电容量(μF)	铝壳尺寸Φ DXL(mm)	R.C.	tan δ	品号
25	47	5X5.4	35	0.18	JVJ25V47M5X5
	47	6.3X5.7	48	0.18	JVJ25V47M6X6
	68	6.3X5.7	48	0.18	JVJ25V68M6X6
	100	6.3X5.4	72	0.18	JVJ25V100M6X5
	100	6.3X7.7	91	0.18	JVJ25V100M6X8
	150	6.3X7.7	100	0.18	JVJ25V150M6X8
	220	6.3X7.7	120	0.18	JVJ25V220M6X8
	220	8X10.5	175	0.18	JVJ25V220M8X10
	330	6.3X7.7	220	0.18	JVJ25V330M6X8
	330	8X10.5	220	0.18	JVJ25V330M8X10
	330	10X10.5	240	0.18	JVJ25V330M10X10
	470	8X10.5	240	0.18	JVJ25V470M8X10
	470	10X10.5	280	0.18	JVJ25V470M10X10
	680	10X10.5	350	0.18	JVJ25V680M10X10
	680	10X12.5	400	0.18	JVJ25V680M10X12
35	3.3	4X5.7	13	0.16	JVJ35V3R3M4X6
	4.7	4X5.7	14	0.16	JVJ35V4R7M4X6
	6.8	4X5.7	14	0.16	JVJ35V6R8M4X6
	10	4X5.4	14	0.16	JVJ35V10M4X5
	10	5X5.7	21	0.16	JVJ35V10M5X6
	22	5X5.7	30	0.16	JVJ35V22M5X6
	22	6.3X5.7	38	0.16	JVJ35V22M6X6
	33	5X5.7	34	0.16	JVJ35V33M5X6
	33	6.3X5.7	42	0.16	JVJ35V33M6X6
	47	6.3X5.7	50	0.16	JVJ35V47M6X6
	47	6.3X7.7	70	0.16	JVJ35V47M6X8
	68	6.3X5.7	50	0.16	JVJ35V68M6X6
	68	6.3X7.7	70	0.16	JVJ35V68M6X8
	100	6.3X7.7	84	0.16	JVJ35V100M6X8
	100	8X10.5	120	0.16	JVJ35V100M8X10
	150	6.3X7.7	95	0.16	JVJ35V150M6X8
	150	8X10.5	155	0.16	JVJ35V150M8X10
	220	6.3X7.7	190	0.16	JVJ35V220M6X8
	220	8X10.5	190	0.16	JVJ35V220M8X10
	220	10X10.5	220	0.16	JVJ35V220M10X10
	330	8X10.5	225	0.16	JVJ35V330M8X10

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额定电压(V)	额定静电容量(μF)	铝壳尺寸Φ DXL(mm)	R.C.	tan δ	品号
35	330	10X10.5	245	0.16	JVJ35V330M10X10
	470	10X10.5	320	0.16	JVJ35V470M10X10
	470	10X12.5	375	0.16	JVJ35V470M10X12
50	1.0	4X5.7	7	0.14	JVJ50V1RM4X6
	2.2	4X5.7	11	0.14	JVJ50V2R2M4X6
	3.3	4X5.7	13	0.14	JVJ50V3R3M4X6
	4.7	4X5.7	13	0.14	JVJ50V4R7M4X6
	4.7	5X5.7	16	0.14	JVJ50V4R7M5X6
	6.8	4X5.7	14	0.14	JVJ50V6R8M4X6
	6.8	5X5.7	17	0.14	JVJ50V6R8M5X6
	10	5X5.4	18	0.14	JVJ50V10M5X5
	10	6.3X5.7	24	0.14	JVJ50V10M6X6
	22	6.3X5.4	42	0.14	JVJ50V22M6X5
	22	6.3X7.7	51	0.14	JVJ50V22M6X8
	33	6.3X5.7	45	0.14	JVJ50V33M6X6
	33	6.3X7.7	60	0.14	JVJ50V33M6X8
	47	6.3X7.7	63	0.14	JVJ50V47M6X8
	68	6.3X7.7	63	0.14	JVJ50V68M6X8
	68	8X10.5	120	0.14	JVJ50V68M8X10
	100	6.3X7.7	140	0.14	JVJ50V100M6X8
	100	8X10.5	140	0.14	JVJ50V100M8X10
	150	8X10.5	155	0.14	JVJ50V150M8X10
	150	10X10.5	170	0.14	JVJ50V150M10X10
	220	10X10.5	220	0.14	JVJ50V220M10X10
	330	10X10.5	220	0.14	JVJ50V330M10X10
	470	12.5X13.5	220	0.14	JVJ50V470M12X13
63	1.0	4X5.7	7	0.14	JVJ63V1RM4X6
	2.2	4X5.7	11	0.14	JVJ63V2R2M4X6
	3.3	5X5.7	13	0.14	JVJ63V3R3M5X6
	4.7	5X5.7	16	0.14	JVJ63V4R7M5X6
	6.8	5X5.7	17	0.14	JVJ63V6R8M5X6
	10	5X5.7	19	0.14	JVJ63V10M5X6
	10	6.3X5.7	24	0.14	JVJ63V10M6X6
	22	6.3X5.7	40	0.14	JVJ63V22M6X6
	22	6.3X7.7	49	0.14	JVJ63V22M6X8
	33	6.3X7.7	53	0.14	JVJ63V33M6X8

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额定电压(V)	额定静电容量(μF)	铝壳尺寸Φ DXL(mm)	R.C.	tan δ	品号
63	33	8X10.5	112	0.14	JVJ63V33M8X10
	47	6.3X7.7	75	0.14	JVJ63V47M6X8
	47	8X10.5	119	0.14	JVJ63V47M8X10
	68	8X10.5	125	0.14	JVJ63V68M8X10
	100	8X10.5	135	0.14	JVJ63V100M8X10
	100	10X10.5	195	0.14	JVJ63V100M10X10
	150	10X10.5	205	0.14	JVJ63V150M10X10
	150	10X12.5	225	0.14	JVJ63V150M10X12
	220	10X10.5	225	0.14	JVJ63V220M10X10
80	100	10X10.5	135	0.14	JVJ80V100M10X10
100	1.0	4X5.7	7	0.14	JVJ100V1R4M4X6
	2.2	4X5.7	9	0.14	JVJ100V2R2M4X6
	2.2	5X5.8	11	0.14	JVJ100V2R2M5X6
	3.3	5X5.8	14	0.14	JVJ100V3R3M5X6
	4.7	5X5.8	16	0.14	JVJ100V4R7M5X6
	4.7	6.3X5.7	21	0.14	JVJ100V4R7M6X6
	6.8	6.3X5.7	21	0.14	JVJ100V6R8M6X6
	10	6.3X5.7	35	0.14	JVJ100V10M6X6
	10	6.3X7.7	50	0.14	JVJ100V10M6X8
	22	6.3X7.7	60	0.14	JVJ100V22M6X8
	22	8X10.5	84	0.14	JVJ100V22M8X10
	33	8X10.5	90	0.14	JVJ100V33M8X10
	33	10X10.5	133	0.14	JVJ100V33M10X10
	47	10X10.5	140	0.14	JVJ100V47M10X10
	68	10X10.5	155	0.14	JVJ100V68M10X10
	68	10X12.5	180	0.14	JVJ100V68M10X12

Note1: Case size ΦD xL(mm), ripple current (mA, rms) at 105°C, 120Hz.

Note2: Produce custom product too, which are not found in these tables.