

jb® Axial Met Polyester & Polypropylene Film Capacitor – JFG

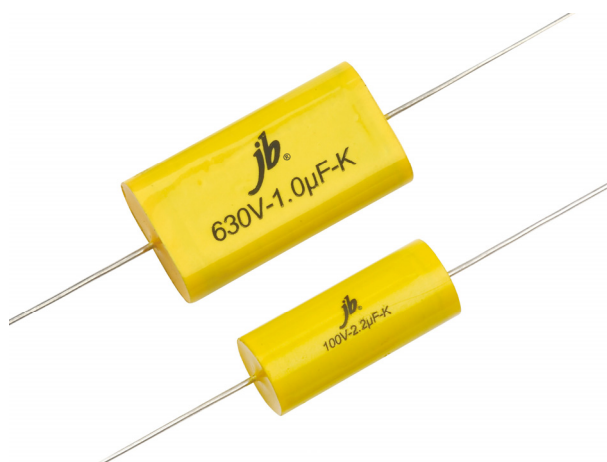
JFGA: AXIAL LEAD, METALLIZED POLYESTER FILM – CYCLOIDAL

■ FEATURES

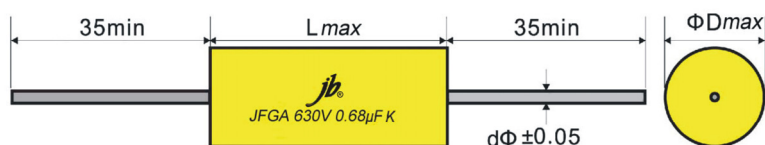
- JFGA is constructed with metallized polyester film as medium and electricode, wrapped and sealed with flame-retardant plastic and epoxy resin. With high reliability, high temperature-resistance, small volume, large capacity and good self-healing property.
- Mainly used in instruments and the DC & AC circuit of the household equipment and the fractional frequency circuit of acoustics system.

■ SPECIFICATIONS

- Operating Temperature -40°C ~ +105°C
- Rated Voltage 100V, 250V, 400V, 630V.DC
- Withstand Voltage 1.6V_R 2s (1.5V_R 5s)
- Capacitance Range 0.033 ~ 68 μF
- Capacitance Tolerance ±5%, ±10%
- Insulation Resistance
 - C ≤ 0.33 μF VR ≤ 100V(10V) ≥ 7500MΩ
 - VR > 100V ≥ 15000 MΩ
 - C > 0.33 μF VR ≤ 100V(10V) ≥ 2500S
 - VR > 100V ≥ 500S
- Dissipation Factor
 - C < 1 μF ≤ 0.013 10KHz
 - 1 μF < C ≤ 10 μF ≤ 0.008 1KHz
 - C > 10 μF ≤ 0.010 1KHz



■ DRAWING



■ STANDARD SIZE

VDC Mfd	100VDC			250VDC			400VDC			630VDC			
	L	D	d	L	D	d	L	D	d	L	D	d	
333	0.033	--	--	--	--	--	--	--	--	15.0	6.5	0.6	
473	0.047	--	--	--	--	--	20.0	6.0	0.6	20.0	7.5	0.6	
683	0.068	--	--	--	--	--	20.0	6.5	0.6	20.0	8.5	0.8	
104	0.1	15.0	6.5	0.6	15.0	6.5	0.6	20.0	7.5	0.6	20.5	8.0	0.6
224	0.22	15.0	6.5	0.6	15.0	6.5	0.6	20.0	9.5	0.8	25.0	11.5	0.8
334	0.33	15.0	8.0	0.6	20.0	7.5	0.6	20.5	9.5	0.8	26.0	9.5	0.8
474	0.47	20.0	7.0	0.6	20.0	8.5	0.8	26.0	9.0	0.8	31.0	14.0	0.8
684	0.68	20.0	7.5	0.6	20.0	10.0	0.8	26.0	10.5	0.8	32.0	11.5	0.8
105	1.0	20.0	9.0	0.8	25.0	10.0	0.8	31.0	14.0	0.8	32.0	14.0	0.8
225	2.2	25.0	11.0	0.8	31.0	12.0	0.8	37.5	14.5	0.8	37.5	17.5	0.8
335	3.3	25.0	14.0	0.8	31.0	14.5	0.8	37.5	17.5	0.8	47.5	18.5	0.8
475	4.7	31.0	13.5	0.8	31.0	17.5	0.8	37.5	20.0	0.8	47.5	22.0	0.8
565	5.6	31.0	15.0	0.8	31.0	19.5	0.8	47.5	19.0	0.8	57.5	21.0	0.8
685	6.8	31.0	16.0	0.8	46.0	16.0	0.8	57.5	18.5	0.8	57.5	23.0	0.8
825	8.2	31.0	17.5	0.8	46.0	17.5	0.8	57.5	20.0	0.8	57.5	25.0	0.8
106	10.0	31.0	19.0	0.8	46.0	19.5	0.8	57.5	22.5	0.8	57.5	27.5	0.8
156	15.0	46.0	18.0	0.8	46.0	24.0	0.8	57.5	26.5	0.8	67.5	30.0	0.8
226	22.0	46.0	22.0	0.8	46.0	29.0	0.8	57.5	31.5	0.8	--	--	--
336	33.0	56.0	23.5	0.8	56.0	30.0	0.8	--	--	--	--	--	--
476	47.0	56.0	29.0	0.8	56.0	36.5	0.8	--	--	--	--	--	--
686	68.0	56.0	32.0	0.8	61.0	41.0	0.8	--	--	--	--	--	--

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jb® Axial Met Polyester & Polypropylene Film Capacitor – JFG

JFGB: AXIAL LEAD, METALLIZED POLYESTER FILM – FLAT OVAL SHAPE

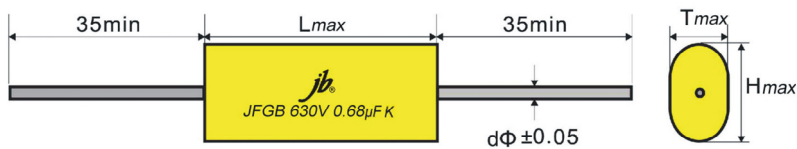
■ FEATURES

- JFGB is constructed with metallized polyester film as medium and electricode, wrapped and sealed with flame-retardant plastic and epoxy resin. With high reliability, high temperature-resistance, small volume, large capacity and good self-healing property.
- Mainly used in instruments and the DC & AC circuit of the household equipment and the fractional frequency circuit of acoustics system.

■ SPECIFICATIONS

- Operating Temperature -40°C ~ +105°C
- Rated Voltage 100V, 250V, 400V, 630V.DC
- Withstand Voltage 1.6V_R 2s (1.5V_R 5s)
- Capacitance Range 0.01 ~ 68 μF
- Capacitance Tolerance ±5%, ±10%
- Insulation Resistance
 - C ≤ 0.33 μF VR ≤ 100V (10V) ≥ 7500 MΩ
 - VR > 100V ≥ 15000 MΩ
 - C > 0.33 μF VR ≤ 100V (10V) ≥ 2500S
 - VR > 100V ≥ 500S
- Dissipation Factor
 - C ≤ 1 μF ≤ 0.013 10KHz
 - 1 μF < C ≤ 10 μF ≤ 0.008 1KHz
 - C > 10 μF ≤ 0.010 1KHz

■ DRAWING



■ STANDARD SIZE

VDC	Mfd	100VDC				250VDC				400VDC				630VDC			
		L	T	H	d	L	T	H	d	L	T	H	d	L	T	H	d
103	0.01	15.0	5.0	8.0	0.6	15.0	5.0	8.0	0.6	15.0	5.0	8.0	0.6	15.0	5.0	8.0	0.6
223	0.022	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6
333	0.033	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	20.0	5.0	9.0	0.6
473	0.047	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	20.0	5.0	9.0	0.6
683	0.068	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	20.0	5.0	8.5	0.6	20.0	6.0	11.0	0.6
104	0.1	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	20.0	5.0	8.5	0.6	15.5	7.0	10.5	0.6
224	0.22	15.0	5.0	8.5	0.6	20.0	5.0	9.0	0.6	15.5	7.5	11.5	0.6	20.5	7.5	11.5	0.6
334	0.33	15.0	5.0	9.0	0.6	15.5	7.0	11.0	0.6	20.5	6.5	11.5	0.6	20.5	8.0	14.5	0.6
474	0.47	15.5	6.0	10.0	0.6	15.5	8.5	13.0	0.8	26.0	6.5	11.0	0.6	26.0	7.5	15.5	0.6
684	0.68	20.0	5.0	9.0	0.6	20.5	7.5	12.0	0.6	26.0	7.5	12.5	0.6	32.0	8.0	16.0	0.6
105	1.0	20.0	7.0	11.0	0.6	25.0	7.0	12.0	0.6	32.0	7.5	14.0	0.6	32.0	9.5	18.5	0.8
225	2.2	25.0	8.0	12.0	0.6	26.0	11.5	15.5	0.8	37.5	10.5	17.0	0.8	37.5	13.5	21.5	0.8
335	3.3	25.0	9.5	16.0	0.8	26.0	14.0	18.5	0.8	37.5	13.0	20.5	0.8	47.5	17.0	26.5	0.8
405	4.0	31.0	8.0	15.0	0.6	32.0	13.5	18.0	0.8	37.5	14.0	22.0	0.8	47.5	15.5	23.5	0.8
475	4.7	31.0	9.0	15.5	0.8	32.0	13.5	19.5	0.8	37.5	15.0	24.5	0.8	47.5	17.5	25.0	0.8
565	5.6	31.0	10.0	17.0	0.8	32.0	15.0	21.0	0.8	47.5	13.5	23.0	0.8	57.5	16.5	24.5	0.8
685	6.8	31.0	11.0	18.5	0.8	37.5	14.0	22.0	0.8	57.5	13.0	22.5	0.8	57.5	18.5	26.5	0.8
825	8.2	31.0	12.5	19.0	0.8	37.5	15.5	23.5	0.8	57.5	14.5	24.0	0.8	57.5	20.5	28.5	0.8
106	10.0	31.0	14.5	21.0	0.8	37.5	16.5	26.5	0.8	57.5	16.0	27.0	0.8	57.5	23.0	30.5	0.8
156	15.0	46.0	15.0	22.0	0.8	47.5	17.5	27.0	0.8	57.5	20.0	31.0	0.8	67.5	22.5	33.5	0.8
226	22.0	46.0	17.5	25.0	0.8	47.5	21.0	32.5	0.8	67.5	22.0	33.0	0.8	--	--	--	--
336	33.0	56.0	19.0	27.0	0.8	57.5	23.5	34.5	0.8	--	--	--	--	--	--	--	--
476	47.0	56.0	24.5	31.0	0.8	56.0	32.0	39.0	0.8	--	--	--	--	--	--	--	--
686	68.0	56.0	29.0	35.0	0.8	61.0	37.5	45.0	0.8	--	--	--	--	--	--	--	--

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Axial Met Polyester & Polypropylene Film Capacitor – JFG

JFGC: AXIAL LEAD, METALLIZED POLYPROPYLENE FILM - CYCLOIDAL

■ FEATURES

- JFGC is constructed with metallized polypropylene film as medium and electric code, wrapped and sealed with flame-retardant plastic and epoxy resin. With high reliability, high temperature-resistance, small volume, large capacity and good self-healing property.
- Mainly used in instruments and the DC & AC circuit of the household equipment and the fractional frequency circuit of acoustics system.

■ SPECIFICATIONS

- Operating Temperature -55°C ~ +100°C
- Rated Voltage 250V, 400V, 630V, 1000V, 1250V.DC
- Withstand Voltage $1.7V_R$ 2s ($1.5V_R$ 5s)
- Capacitance Range 0.047 ~ 56 μ F
- Capacitance Tolerance $\pm 5\%$, $\pm 10\%$
- Insulation Resistance $C \leq 0.33 \mu$ F $\geq 50000M\Omega$
 $C > 0.33 \mu$ F $\geq 15000S$
- Dissipation Factor

$C < 0.1 \mu$ F	≤ 0.0015	10KHz
0.1μ F $< C \leq 1 \mu$ F	≤ 0.0020	10KHz
1μ F $< C \leq 4.7 \mu$ F	≤ 0.0030	10KHz
$C > 4.7 \mu$ F	≤ 0.0015	1KHz

■ DRAWING



■ STANDARD SIZE

VDC Mfd	250VDC			400VDC			630VDC			1000VDC			1250VDC			
	L	D	d	L	D	d	L	D	d	L	D	d	L	D	d	
473	0.047	15.0	7.0	0.6	15.0	7.0	0.6	15.5	8.0	0.8	20.5	9.0	0.8	26.0	9.0	0.8
683	0.068	15.0	7.5	0.6	20.0	10.5	0.8	15.5	9.0	0.8	26.0	9.0	0.8	26.0	10.5	0.8
104	0.1	15.0	6.0	0.6	15.5	7.0	0.8	25.0	10.0	0.8	26.0	10.0	0.8	32.0	11.5	0.8
224	0.22	15.5	8.0	0.6	15.5	9.0	0.8	20.5	12.0	0.8	26.0	14.0	0.8	32.0	15.5	0.8
334	0.33	20.5	7.5	0.6	20.5	8.5	0.8	26.0	12.0	0.8	32.0	15.0	0.8	37.0	16.5	0.8
474	0.47	29.0	8.5	0.8	20.5	9.5	0.8	26.0	13.5	0.8	37.0	16.0	0.8	37.0	19.0	0.8
684	0.68	20.5	10.0	0.8	26.0	10.0	0.8	26.0	16.0	0.8	37.0	18.5	0.8	48.0	20.0	0.8
105	1.0	20.5	12.0	0.8	26.0	12.0	0.8	32.0	16.5	0.8	48.0	19.0	0.8	48.0	23.5	0.8
225	2.2	26.0	14.5	0.8	32.0	14.5	0.8	37.0	21.5	0.8	58.0	24.5	0.8	58.0	30.0	0.8
335	3.3	26.0	17.0	0.8	32.0	17.5	0.8	37.0	26.0	0.8	58.0	29.0	0.8	68.0	33.5	0.8
405	4.0	26.0	18.5	0.8	37.0	17.0	0.8	48.0	24.5	0.8	68.0	29.0	0.8	--	--	--
475	4.7	32.0	17.5	0.8	37.0	18.5	0.8	48.0	26.5	0.8	68.0	31.5	0.8	--	--	--
565	5.6	37.0	17.0	0.8	37.0	20.0	0.8	58.0	25.5	0.8	68.0	34.5	0.8	--	--	--
685	6.8	37.0	18.5	0.8	48.0	19.0	0.8	58.0	28.0	0.8	--	--	--	--	--	--
825	8.2	48.0	17.5	0.8	48.0	20.5	0.8	68.0	27.5	0.8	--	--	--	--	--	--
106	10.0	48.0	19.0	0.8	48.0	23.0	0.8	68.0	30.5	0.8	--	--	--	--	--	--
156	15.0	58.0	20.5	0.8	58.0	24.5	0.8	--	--	--	--	--	--	--	--	--
226	22.0	58.0	25.0	0.8	58.0	29.0	0.8	--	--	--	--	--	--	--	--	--
306	30.0	58.0	29.0	0.8	68.0	30.5	0.8	--	--	--	--	--	--	--	--	--
336	33.0	68.0	27.5	0.8	68.0	32.5	0.8	--	--	--	--	--	--	--	--	--
396	39.0	68.0	29.5	0.8	68.0	35.0	0.8	--	--	--	--	--	--	--	--	--
476	47.0	68.0	33.0	0.8	--	--	--	--	--	--	--	--	--	--	--	--
566	56.0	68.0	35.5	0.8	--	--	--	--	--	--	--	--	--	--	--	--

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jb® Axial Met Polyester & Polypropylene Film Capacitor – JFG

JFGD: AXIAL LEAD, METALLIZED POLYPROPYLENE FILM – FLAT OVAL SHAPE

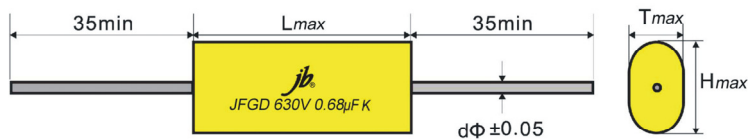
■ FEATURES

- JFGD is constructed with metallized polypropylene film as medium and electricode, wrapped and sealed with flame-retardant plastic and epoxy resin. With high reliability, high temperature-resistance, small volume, large capacity and good self-healing property.
- Mainly used in instruments and the DC & AC circuit of the household equipment and the fractional frequency circuit of acoustics system.

■ SPECIFICATIONS

- Operating Temperature -55°C ~ +100°C
- Rated Voltage 250V, 400V, 630V, 1000V, 1250V.DC
- Withstand Voltage 1.7V_R 2s (1.5V_R 5s)
- Capacitance Range 0.022 ~ 47 μF
- Capacitance Tolerance ±5%, ±10%
- Insulation Resistance C ≤ 0.33 μF ≥ 50000MΩ
C > 0.33 μF ≥ 1500S
- Dissipation Factor C ≤ 0.1 μF ≤ 0.0015 10KHz
0.1 μF < C ≤ 1 μF ≤ 0.0020 10KHz
1 μF < C ≤ 4.7 μF ≤ 0.0030 10KHz
C > 4.7 μF ≤ 0.0015 1KHz

■ DRAWING



■ STANDARD SIZE

VDC	Mfd	250VDC				400VDC				630VDC				1000VDC				1250VDC			
		L	T	H	d	L	T	H	d	L	T	H	d	L	T	H	d	L	T	H	d
223	0.022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	15.5	7.5	10.5	0.6
333	0.033	--	--	--	--	--	--	--	--	--	--	--	--	15.5	7.0	10	0.6	20.5	6.5	9.5	0.6
473	0.047	--	--	--	--	--	--	--	--	--	--	--	--	15.5	8.5	12	0.8	20.5	7.5	12	0.6
683	0.068	--	--	--	--	--	--	--	--	--	--	--	--	20.5	7.0	11.5	0.6	26	7.0	13	0.6
104	0.1	15	5.0	8.0	0.6	20	7.0	10.5	0.6	25	6.5	13	0.6	26	7.0	11.5	0.6	26	8.5	14.5	0.8
224	0.22	20	5.0	9.0	0.6	15.5	6.5	10.5	0.6	15.5	12.0	16	0.8	26	10.0	16	0.8	32	10.5	18	0.8
334	0.33	15.5	7.0	10.5	0.6	15.5	8.0	12.5	0.6	20.5	10.5	15	0.8	32	10.0	17.5	0.8	37.5	11.5	20	0.8
474	0.47	15.5	8.5	12.5	0.8	20.5	7.0	11.5	0.6	20.5	13.0	17	0.8	37.5	10.5	19.5	0.8	47.5	10.5	21	0.8
684	0.68	20.5	6.8	12.0	0.6	20.5	9.0	13.0	0.8	26	12.0	18	0.8	47.5	10.0	20.5	0.8	57.5	11.5	23.5	0.8
105	1.0	20.5	8.5	13.5	0.8	26	9.0	13.0	0.8	26	15.0	20.5	0.8	57.5	10.5	23	0.8	67.5	12.5	25	0.8
225	2.2	31	11.0	17.5	0.8	32	11.5	16.0	0.8	32	18.5	26.5	0.8	67.5	15.5	27.5	0.8	67.5	20.0	32.5	0.8
335	3.3	32	11.5	17.5	0.8	32	13.5	19.5	0.8	32	23.0	32.5	0.8	67.5	19.5	31.5	0.8	67.5	20.0	32.5	0.8
475	4.7	31	16.5	22.5	0.8	37.5	14.5	20.5	0.8	37.5	24.0	35	0.8	67.5	24.0	36.5	0.8	--	--	--	--
565	5.6	37.5	13.0	20.5	0.8	47.5	13.5	19.5	0.8	47.5	21.0	34	0.8	--	--	--	--	--	--	--	--
685	6.8	47.5	11.0	20.5	0.8	47.5	14.0	22.5	0.8	57.5	20.5	33.5	0.8	--	--	--	--	--	--	--	--
825	8.2	47.5	12.5	22.0	0.8	57.5	14.0	22.0	0.8	57.5	23.0	35.5	0.8	--	--	--	--	--	--	--	--
106	10.0	47.5	14.0	23.5	0.8	57.5	14.5	24.5	0.8	67.5	23.0	35.5	0.8	--	--	--	--	--	--	--	--
156	15.0	57.5	14.5	26.0	0.8	67.5	16.0	27.0	0.8	--	--	--	--	--	--	--	--	--	--	--	--
226	22.0	57.5	18.5	29.5	0.8	67.5	19.0	32.5	0.8	--	--	--	--	--	--	--	--	--	--	--	--
306	30.0	67.5	19.0	32.0	0.8	67.5	23.5	36.0	0.8	--	--	--	--	--	--	--	--	--	--	--	--
336	33.0	67.5	20.0	33.5	0.8	67.5	24.5	37.5	0.8	--	--	--	--	--	--	--	--	--	--	--	--
476	47.0	67.5	25.0	38.0	0.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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