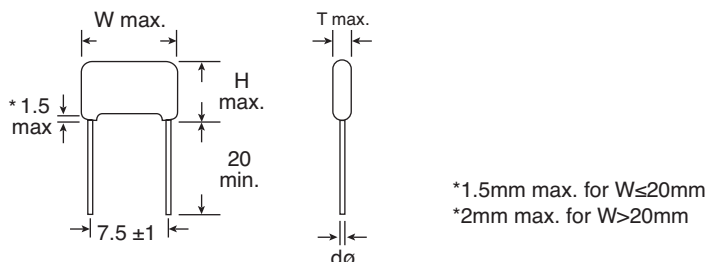




Radial Metallized Polyester Film Capacitor

1436-XXXX Series

DIMENSIONS (mm)



Specifications:

- Type: Metallized Polyester Film
- Operating Temperature: -40°C to $+85^{\circ}\text{C}$
- Rated Voltage: 250, 400, 630 VDC

Performance Characteristics		
Test Item	Specifications	Test Conditions
Insulation Resistance:	$\geq 30,000\text{M}\Omega$ ($C \leq .33\mu\text{F}$); $\geq 10,000\text{M}\Omega \times \mu\text{F}$ ($C > .33\mu\text{F}$)	25°C , 60 ± 5 sec. @ 50VDC RV<100VDC; 100VDC RV<500VDC; 500VDC RV $\geq$ 500VDC
Withstand Voltage:	No abnormality between terminals or between terminals and enclosure.	160% for 1 minute or 200% for 1-5 seconds. Charge/discharge current shall not exceed 10mA.
Dissipation Factor:	A) .75% max. @ 1kHz; B) 1.3% max. @ 10kHz	$\leq 5\text{Vrms}$ @ 25°C
Terminal Strength:	No cutting or slack of terminals.	0.6mm wire - pull: 1kg load for 10 sec.; bending: 0.5kg load @ $90^{\circ} \times 4$
Capacitance:	Within specified tolerance	10% @ 1kHz, $\leq 5\text{Vrms}$ @ 25°C
Vibration Proof:	No abnormality of the appearance.	Frequency range: 10-55-10Hz; 1.5mm amplitude; 2hrs/direction for 3 directions.
Solderability:	At least 95% of the surface of the lead wire dipped into is covered with new solder	Solder temp: $235^{\circ}\text{C} \pm 2^{\circ}$ Immersion time: 2 ± 0.2 sec. Solder: H60A or H63A
Soldering Heat Resistance:	Appearance, Withstand voltage: no abnormality; Cap. variation: within $\pm 2\%$ of the value before test; Dissipation factor: 1.0% max. @ 1kHz	Solder temperature: $265^{\circ}\text{C} \pm 5^{\circ}$ Immersion time: 10 ± 0.5 sec.
Cold Resistance:	Capacitance variation: within $+0/-5\%$ of the value before test.	$-40^{\circ}\text{C} \pm 2^{\circ}$ for $2 +1/-0$ hrs
Dry Heat Resistance:	Insulation resistance: $\geq 1,500\text{M}\Omega$ ($C \leq 0.33\mu\text{F}$); $\geq 300\text{M}\Omega \times \mu\text{F}$ ($C > 0.33\mu\text{F}$) Capacitance variation: within $+0/-5\%$ of the value before test.	$-85^{\circ}\text{C} \pm 2^{\circ}$ for $2 +1/-0$ hrs
Temperature Cycle:	No remarkable abnormality on appearance. No abnormality on withstand voltage.	6 cycles: 1) $-40^{\circ}\text{C} \pm 2^{\circ}$ for 30 ± 1 minutes 2) $+25^{\circ}\text{C} \pm 2^{\circ}$ for 10~15 minutes 3) $+85^{\circ}\text{C} \pm 2^{\circ}$ for 30 ± 1 minutes 4) $+25^{\circ}\text{C} \pm 2^{\circ}$ for 10~15 minutes

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1436-XXXX Series

Xicon Part Number	Value (uF)	VOLT. (VDC)	TOL. ±%	Dimensions (mm)				
				W	H	T	P	dØ
1436-2103	0.01	250	5	10.5	9.0	6.0	7.5	0.6
1436-2123	0.012	250	5	10.5	9.0	6.0	7.5	0.6
1436-2153	0.015	250	5	10.5	9.0	6.0	7.5	0.6
1436-2183	0.018	250	5	10.5	9.0	6.0	7.5	0.6
1436-2223	0.022	250	5	10.5	9.5	6.0	7.5	0.6
1436-2273	0.027	250	5	10.5	9.5	6.0	7.5	0.6
1436-2333	0.033	250	5	10.5	9.5	6.0	7.5	0.6
1436-2393	0.039	250	5	10.5	9.5	6.0	7.5	0.6
1436-2473	0.047	250	5	10.5	9.5	6.0	7.5	0.6
1436-2563	0.056	250	5	10.5	9.5	6.0	7.5	0.6
1436-2683	0.068	250	5	10.5	9.5	6.0	7.5	0.6
1436-2823	0.082	250	5	10.5	9.5	6.0	7.5	0.6
1436-2104	0.10	250	5	10.5	9.5	6.5	7.5	0.6
1436-2124	0.12	250	5	10.5	10.0	6.5	7.5	0.6
1436-2154	0.15	250	5	13.0	10.5	6.5	10	0.6
1436-2184	0.18	250	5	13.0	11.0	7.5	10	0.6
1436-2224	0.22	250	5	13.0	12.0	8.0	10	0.6
1436-2274	0.27	250	5	18.5	12.0	7.0	15	0.8
1436-2334	0.33	250	5	18.5	12.0	7.0	15	0.8
1436-2394	0.39	250	5	18.5	13.0	7.5	15	0.8
1436-2474	0.47	250	5	18.5	14.0	8.0	15	0.8
1436-2564	0.56	250	5	18.5	14.0	8.5	15	0.8
1436-2684	0.68	250	5	18.5	16.5	9.5	15	0.8
1436-2824	0.82	250	5	18.5	16.5	9.5	15	0.8
1436-2105	1.0	250	5	23.0	16.0	10.0	20	0.8
1436-2125	1.2	250	5	23.0	18.0	10.0	20	0.8
1436-2155	1.5	250	5	23.0	19.0	10.5	20	0.8
1436-2185	1.8	250	5	23.0	19.0	11.0	20	0.8
1436-2225	2.2	250	5	23.0	21.0	13.0	20	0.8
1436-2275	2.7	250	5	32.0	22.5	13.0	27.5	0.8
1436-2335	3.3	250	5	32.0	23.0	13.5	27.5	0.8
1436-2395	3.9	250	5	32.0	25.0	14.5	27.5	0.8
1436-2475	4.7	250	5	32.0	26.0	15.5	27.5	0.8
1436-4103	0.01	400	5	10.5	9.0	6.0	7.5	0.6
1436-4153	0.015	400	5	10.5	9.0	6.0	7.5	0.6
1436-4223	0.022	400	5	10.5	10.0	6.5	7.5	0.6
1436-4333	0.033	400	5	10.5	10.0	6.5	7.5	0.6
1436-4473	0.047	400	5	13.0	11.0	7.0	10.0	0.6
1436-4683	0.068	400	5	13.0	12.0	7.5	10.0	0.6
1436-4104	0.10	400	5	18.5	12.5	7.5	15.0	0.8
1436-4154	0.15	400	5	18.5	13.5	8.0	15.0	0.8
1436-4224	0.22	400	5	18.5	15.5	9.0	15.0	0.8
1436-4334	0.33	400	5	18.5	17.5	9.5	15.0	0.8
1436-4474	0.47	400	5	23.0	18.5	11.5	20.0	0.8
1436-4105	1.0	400	5	32.0	21.5	13.5	27.5	0.8
1436-4225	2.2	400	5	32.0	29.0	18.5	27.5	0.8
1436-6103	0.01	630	5	13.0	10.0	6.5	10.0	0.6
1436-6153	0.015	630	5	13.0	10.5	6.5	10.0	0.6
1436-6223	0.022	630	5	13.0	10.5	6.5	10.0	0.6
1436-6333	0.033	630	5	18.5	11.5	7.0	15.0	0.8
1436-6473	0.047	630	5	18.5	12.5	7.5	15.0	0.8
1436-6683	0.068	630	5	18.5	14.0	8.0	15.0	0.8
1436-6104	0.10	630	5	18.5	15.5	9.5	15.0	0.8
1436-6154	0.15	630	5	23.0	16.5	9.5	20.0	0.8
1436-6224	0.22	630	5	23.0	19.0	11.5	20.0	0.8
1436-6334	0.33	630	5	32.0	19.0	12.0	27.5	0.8
1436-6474	0.47	630	5	32.0	22.0	13.5	27.5	0.8
1436-6105	1.0	630	5	32.0	29.0	18.5	27.5	0.8

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