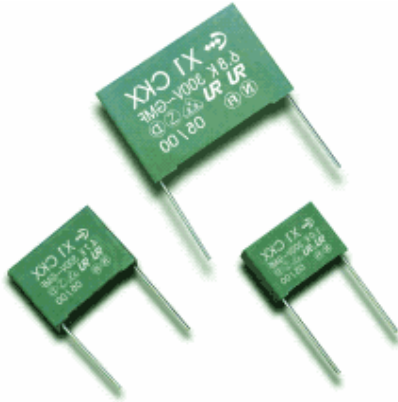


X1.X2 Safety Recognized Standard Capacitor

METALLIZED POLYPROPYLENE FILM CAPACITOR

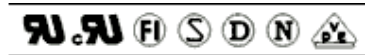


APPLICATIONS

- lead for use in line bypass, antenna coupling, across-the-line and spark killer circuits.
- Available for EMI filter.
- Switching power supply applications.
- Business machines appliances, such as: adding machines, computer displays and monitors...
- Household appliances, such as: mixers, fans, coffee grinders, DVD player, audio and TV circuits...
- Thyristor and triac appliances, such as: dimmers...

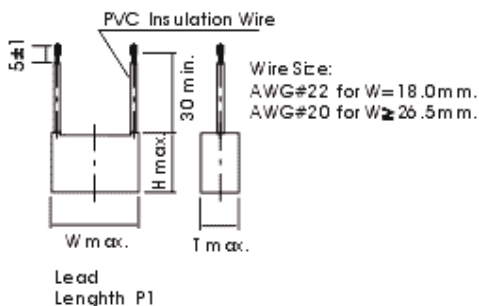
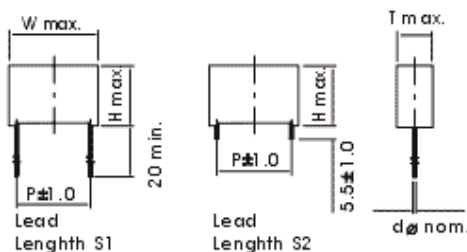
FEATURES

- Provides interference suppression, all safety approval.
- Overvoltage stress withstanding.
- Self-healing properties.
- Active and passive flame retardent.



SPECIFICATIONS

- Climate Category : In accordance with DIN40040 GMF
 -a) G=Minimum Limit Temperature -40°C
 -b) M=Maximum Limit Temperature $+100\text{c}$
 -c) F=Humidity Category Average relative humidity $\leq 75\%$, 95%
 -for 30 days per year, continuously: 85% for the remaining ... days, occasionally.
- Rated Voltage : 250V / 300V.AC, 50~60Hz
- Capacitance Range : 0.0047~6.8 μF
- Capacitance Tolerance : $\pm 5\%$ (J) , $\pm 10\%$ (K) , $\pm 20\%$ (M)
- Withstand Voltage :
 -a) Between Terminals ... 1200V.AC, 60Hz or 2200V.DC 1s.
 -b) Between Terminals and Case ... 2200V.AC, 60Hz, 60s.
- Dissipation Factor :
 -a) $\leq 0.1\%$ at 1 KHz and 20°C
 -b) $\leq 0.3\%$ at 10 KHz and 20°C
- Insulation Resistance :
 -a) Between Terminals ... $3 \times 10^4 \text{M}\Omega$ for $C \leq 0.33\mu\text{F}$;
 - $\geq 1 \times 10^4 \text{M}\Omega \cdot \mu\text{F}$ for $C > 0.33\mu\text{F}$
 -b) Between Terminals and Case ... $3 \times 10^4 \text{M}\Omega$ Measured at
 - 100 ± 15 .DC, 60s 20°C



▼ X1 AND X2 CASE SIZE OF STANDARD PRODUCTS

Capacitance	Rated-Voltage	Dimensions in mm				
μF	VAC	W	H	T	P	d
0.0047	300	13 / 18	11 / 10	5	10 / 15	0.6 / 0.8
0.0056	300	13 / 18	11 / 10	5	10 / 15	0.6 / 0.8
0.0068	300	13 / 18	11 / 10	5	10 / 15	0.6 / 0.8
0.0082	300	13 / 18	11 / 10	5	10 / 15	0.6 / 0.8
0.01	300	13 / 18	11 / 10	5	10 / 15	0.6 / 0.8
0.012	300	13 / 18	11 / 10	5	10 / 15	0.6 / 0.8
0.015	300	13 / 18	11 / 10	5	10 / 15	0.6 / 0.8
0.018	300	13 / 18	11 / 10	5	10 / 15	0.6 / 0.8
0.022	300	13 / 17	11	5 / 5.5	10 / 15	0.6 / 0.8
0.027	300	13 / 18	11 / 10	5	10 / 15	0.6 / 0.8
0.033	300	13 / 18	11 / 10	5	10 / 15	0.6 / 0.8
0.047	300	13 / 18	11 / 10	5	10 / 15	0.6 / 0.8
0.056	300	13 / 18	12 / 10	6 / 5	10 / 15	0.6 / 0.8
0.068	300	13 / 17	12 / 11	6 / 5.5	10 / 15	0.6 / 0.8
0.082	300	13 / 17	12 / 11	6 / 5.5	10 / 15	0.6 / 0.8
0.1	300	13 / 17	12 / 11	6 / 5.5	10 / 15	0.6 / 0.8
0.12	300	18	12	6	15	0.8
0.15	300	18	13.5	6	15	0.8
0.22	300	17	15.5	7.5	15	0.8
0.22	300	25	14.5	6	22.5	0.8
0.27	300	26.5	16.5	7	22.5	0.8
0.33	300	17	16.5	9.5	15	0.8
0.33	300	26.5 / 31.5	16.5	7 / 7.5	22.5 / 27.5	0.8
0.39	300	26.5	17	8.5	22.5	0.8
0.47	300	17	19	11	15	0.8
0.47	300	26.5	17	8.5	22.5	0.8
0.56	300	31.5	20	11	27.5	0.8
0.6	300	31.5	20	11	27.5	0.8
0.68	300	26.5	19	10	22.5	0.8
0.68	300	31.5	20	11	27.5	0.8
0.82	300	26.5 / 31.5	21	14 / 11.5	22.5 / 27.5	0.8
1	300	31.5	21	11.5	27.5	0.8
1	300	30 / 37	21 / 24	11.5 / 13.5	27.5 / 32.5	0.8
1.2	300	30	24	13.5	32.5	0.8
1.5	300	37	26.5	16	32.5	0.8
1.8	300	37	26.5	16	32.5	0.8
2.2	300	37	26.5	16	32.5	0.8
2.7	300	37	28.5	18	32.5	0.8
3.3	300	37	34	22	32.5	0.8
3.3	300	51	27.5	17.5	47.5	0.8
3.9	300	51	27.5	17.5	47.5	0.8
4.7	300	51	30.5	20	47.5	0.8
6.8	300	51	35	24	47.5	0.8