

Metallized Polypropylene Film Y2 Capacitor

SPKF13 MKP (Y2 Class) Series

■ Features

- Metallized polypropylene structure
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Widely used in line to ground, line-by-pass, antenna coupling interference suppression circuit, etc.

■ Applications

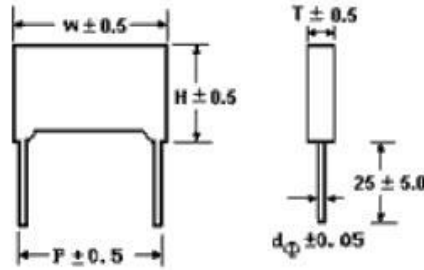
- line-By-Pass and Antenna coupling
- Across-the-line ,spark killer
- FMI filter
- Switching power supply

■ Specifications

Dielectric	Polypropylene film
Electrodes	Vacuum evaporated metal
Coating	Encapsulated in reinforced flame retardant plastic case sealed with epoxy resin meeting the requirement of UL94V-0
Leads	Radial leads of tinned wire / insulation flexible wire
Reference Standard	IEC 60384-14:2005;UL1414;EN60384-14:2005
Climatic Catalogue	40/110/56/B
Capacitance Versus Rated Voltage (U_R)	0.001uF-1uF / 300VAC (50/60Hz)
Capacitance Tolerance:	M=±20% K=±10% J=±5%
Dissipation Factor (Tangent Of Loss)	≤0.1% (at 20°C, 1KHz)
Voltage Proof	4000VDC(2S) C≤0.33uF ; 3700VDC(2S) C>0.33uF
Insulation Resistance	C≤0.33uF, IR≥15000MΩ;
	C>0.33uF , IR*C≥5000S (1 minute at 20°C and RH≤65%)

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Outline Drawing



NOTE: $p \geq 27.5$ $p \pm 0.8$

Dimension

Unit : mm

uF	W	H	T	P	dφ	uF	W	H	T	P	dφ	uF	W	H	T	P	dφ
0.0010	13.0	9.0	4.0	10.0	0.6	0.039	18.0	10.0	5.0	15.0	0.6	0.33	26.5	17.0	8.5	22.5	0.8
0.0012	13.0	9.0	4.0	10.0	0.6	0.047	13.0	12.0	6.0	10.0	0.6	0.39	26.5	18.5	10.0	22.5	0.8
0.0015	13.0	9.0	4.0	10.0	0.6	0.047	18.0	10.0	5.0	15.0	0.6	0.47	18.0	16.0	10.0	15.0	0.8
0.0018	13.0	9.0	4.0	10.0	0.6	0.056	18.0	12.0	6.0	15.0	0.6	0.47	18.0	18.0	10.0	15.0	0.8
0.0022	13.0	9.0	4.0	10.0	0.6	0.068	18.0	12.0	6.0	15.0	0.6	0.47	26.5	17.0	8.5	22.5	0.8
0.0027	13.0	9.0	4.0	10.0	0.6	0.082	18.0	12.0	6.0	15.0	0.6	0.47	26.5	18.5	10.0	22.5	0.8
0.0033	13.0	11.0	5.0	10.0	0.6	0.10	13.0	12.0	6.0	10.0	0.6	0.47	32.0	20.0	11.0	27.5	0.8
0.0039	13.0	11.0	5.0	10.0	0.6	0.10	18.0	12.0	6.0	15.0	0.6	0.56	32.0	20.0	11.0	27.5	0.8
0.0047	13.0	11.0	5.0	10.0	0.6	0.10	18.0	13.5	7.5	15.0	0.8	0.68	26.5	18.5	10.0	22.5	0.8
0.0056	13.0	11.0	5.0	10.0	0.6	0.12	18.0	13.5	7.5	15.0	0.8	0.68	32.0	20.0	11.0	27.5	0.8
0.0068	13.0	11.0	5.0	10.0	0.6	0.15	18.0	12.0	6.0	15.0	0.8	0.82	32.0	22.0	13.0	27.5	0.8
0.0082	13.0	11.0	5.0	10.0	0.6	0.15	18.0	13.5	7.5	15.0	0.8	1.0	26.0	21.5	12.0	22.5	0.8
0.010	13.0	11.0	5.0	10.0	0.6	0.15	18.0	14.5	8.5	15.0	0.8	1.0	32.0	20.0	11.0	27.5	0.8
0.010	13.0	9.0	4.0	10.0	0.6	0.15	26.5	15.0	6.0	22.5	0.8	1.0	32.0	22.0	13.0	27.5	0.8
0.012	13.0	11.0	5.0	10.0	0.6	0.18	18.0	14.5	8.5	15.0	0.8						
0.015	13.0	11.0	5.0	10.0	0.6	0.22	18.0	12.0	6.0	15.0	0.8						
0.018	13.0	11.0	5.0	10.0	0.6	0.22	18.0	14.5	8.5	15.0	0.8						
0.022	13.0	11.0	5.0	10.0	0.6	0.22	26.5	15.0	6.0	22.5	0.8						
0.022	18.0	10.0	5.0	15.0	0.6	0.22	26.5	16.5	7.0	22.5	0.8						
0.027	13.0	12.0	6.0	10.0	0.6	0.27	26.5	17.0	8.5	22.5	0.8						
0.033	13.0	12.0	6.0	10.0	0.6	0.33	18.0	16.0	10.0	15.0	0.8						
0.033	18.0	10.0	5.0	15.0	0.6	0.33	26.5	16.5	7.0	22.5	0.8						

Special size or items on request