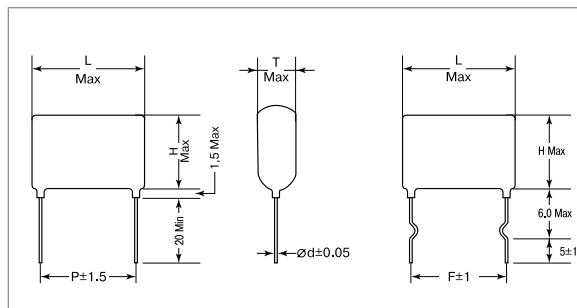


NPPS (Film-Foil / Polypropylene Film / Metal Film Capacitor)

Features

- NPPS type capacitors are wound polypropylene film, double metallized film and aluminum foil construction and lead wires are completely welded extended foil both sides, and then dipped flame retardant class resin powder or durez. These Capacitors have low dissipation factor, low capacitance change and high insulation resistance. And then offer Low Dissipation Factor, Linear Capacitance change and high frequency and High Insulation Resistance under high humidity condition.



Electrical Characteristics

Rated Voltage	1000 V, 1250 V, 1600 V, 2000 V, 2500 V
Capacitance Range	0.001 to 0.1 mfd
Capacitance Tolerance	±2 %, ±3 %, ±5 %, ±10 %
Tan δ	0.1 % max. (1 kHz)
Operating Temp. Range	-40 to +85
Test Voltage	Vr X 2.0
Insulation Resistance	30,000 MΩ min

Explanation Of Part Number

NPP / Product Code, 1600 / Voltage in DC, 102 / Normal Capacitance Code, J / Tolerance ±5 % (mm)

Capacitance (□)	Code	1000 VDC				1250 VDC				1600 VDC				2000 VDC				2500 VDC			
		L	H	T	P	L	H	T	P	L	H	T	P	L	H	T	P	L	H	T	P
0.001	102	23.0	11.0	6.0	17.5	23.0	11.0	6.0	17.5	23.0	12.0	7.0	17.5	23.0	13.0	8.0	17.5	29.0	15.0	7.5	22.5
0.0012	122	23.0	11.5	6.0	17.5	23.0	11.5	6.0	17.5	23.0	13.0	7.5	17.5	23.0	14.0	9.0	17.5	29.0	15.5	10.0	22.5
0.0015	152	23.0	11.5	6.5	17.5	23.0	12.0	6.5	17.5	23.0	14.0	8.0	17.5	23.0	15.0	10.0	17.5	29.0	16.5	11.0	22.5
0.0018	182	23.0	12.0	6.5	17.5	23.0	12.5	7.0	17.5	23.0	15.0	8.5	17.5	29.0	13.5	7.0	22.5	29.0	17.0	11.5	22.5
0.0022	222	23.0	12.0	6.5	17.5	23.0	13.0	7.5	17.5	23.0	16.0	9.0	17.5	29.0	15.0	8.0	22.5	29.0	18.0	12.0	22.5
0.0027	272	23.0	12.5	7.0	17.5	23.0	13.5	8.0	17.5	23.0	17.0	9.5	17.5	29.0	16.0	9.0	22.5	29.0	18.0	12.5	22.5
0.0033	332	23.0	13.5	7.0	17.5	23.0	14.0	8.5	17.5	29.0	13.5	8.0	22.5	29.0	17.0	9.5	22.5	29.0	19.0	12.5	22.5
0.0039	392	23.0	14.0	7.5	17.5	23.0	14.5	9.0	17.5	29.0	15.0	8.5	22.5	29.0	17.5	10.0	22.5	29.0	19.0	13.0	22.5
0.0047	472	23.0	14.5	8.0	17.5	29.0	14.0	7.0	22.5	29.0	16.0	9.0	22.5	29.0	18.5	10.5	22.5	29.0	20.0	14.0	22.5
0.0056	562	23.0	15.0	9.0	17.5	29.0	14.5	7.5	22.5	29.0	17.0	9.5	22.5	29.0	19.0	11.0	22.5	29.0	22.0	16.0	22.5

Capacitance (□)	Code	1000 VDC				1250 VDC				1600 VDC				2000 VDC				2500 VDC			
		L	H	T	P	L	H	T	P	L	H	T	P	L	H	T	P	L	H	T	P
0.0068	682	29.0	14.5	8.0	22.5	29.0	15.5	8.0	22.5	29.0	18.0	10.0	22.5	29.0	20.0	12.0	22.5	29.0	23.0	18.0	22.5
0.0082	882	29.0	15.0	8.5	22.5	29.0	16.0	8.5	22.5	29.0	18.0	11.0	22.5	29.0	21.0	13.5	22.5	29.0	25.0	19.0	22.5
0.01	103	29.0	15.5	9.0	22.5	29.0	16.5	9.5	22.5	29.0	19.5	12.0	22.5	29.0	23.0	15.0	22.5	29.0	27.0	20.0	22.5
0.012	123	29.0	16.0	9.5	22.5	29.0	17.5	10.0	22.5	29.0	20.5	13.0	22.5	32.0	20.0	12.0	22.5				
0.015	153	29.0	17.0	10.0	22.5	29.0	18.5	11.0	22.5	29.0	21.5	14.0	22.5	32.0	21.0	13.0	26.5				
0.018	183	29.0	18.0	11.0	22.5	29.0	19.5	12.0	22.5	29.0	23.0	15.5	22.5	32.0	22.0	14.0	26.5				
0.022	223	29.0	19.0	12.0	22.5	29.0	21.0	13.5	22.5	32.0	20.0	12.5	26.5	32.0	23.0	16.0	26.5				
0.027	273	29.0	20.0	13.0	22.5	29.0	22.5	15.0	22.5	32.0	21.0	13.5	26.5	32.0	24.5	17.5	26.5				
0.033	333	29.0	21.0	14.0	22.5	32.0	20.0	13.0	26.5	32.0	22.0	14.5	26.5	32.0	27.0	20.0	26.5				
0.039	393	29.0	22.0	15.0	22.5	32.0	20.5	13.5	26.5	32.0	23.5	16.0	26.5								
0.047	473	32.0	20.0	12.0	26.5	32.0	22.0	14.5	26.5	32.0	25.0	17.5	26.5								
0.056	563	32.0	21.0	13.0	26.5	32.0	23.5	16.0	26.5	32.0	26.5	19.0	26.5								
0.068	683	32.0	22.0	14.5	26.5	32.0	24.5	17.0	26.5												
0.082	823	32.0	24.0	16.0	26.5	32.0	25.5	18.5	26.5												
0.1	104	32.0	26.0	17.5	26.5																

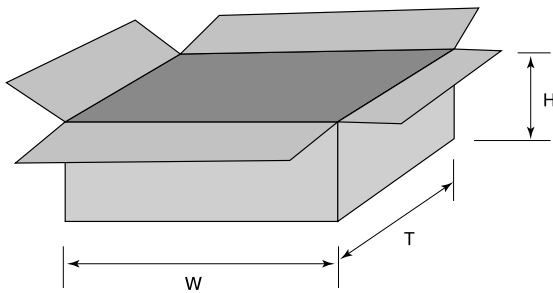
Packing Standard Spec.

(Q'ty And Weight Per Inner Carton)

CAP (□)	1000 VDC		1250 VDC		1600 VDC	
	Amount	KG	Amount	KG	Amount	KG
0.001	-	-	-	-	3,000	5
0.0015	-	-	3,000	5.4	3,000	5.4
0.0022	4,000	6.8	3,000	5.7	3,000	5.7
0.0033	4,000	7.4	3,000	6	3,000	6
0.0047	4,000	7.8	3,000	6.3	2,000	4.3
0.0068	4,000	8.2	2,000	4.2	2,000	4.5
0.01	3,000	7.2	2,000	5.2	1,500	5.2
0.015	3,000	7.8	1,500	4.4	1,500	7.4
0.022	2,000	5.2	1,500	5	1,000	7.5
0.033	2,000	5.5	1,000	5	1,000	7.7
0.047	1,500	5.5	1,000	5.5	-	-
0.068	1,500	6	-	-	-	-

This standard specifies film capacitors for packing standard

[BOX TYPE]



Items	Size W(mm) X T(mm) X H(mm)
INNER BOX	280 X 175 X 100
	350 X 275 X 200
OUT BOX	580 X 370 X 220