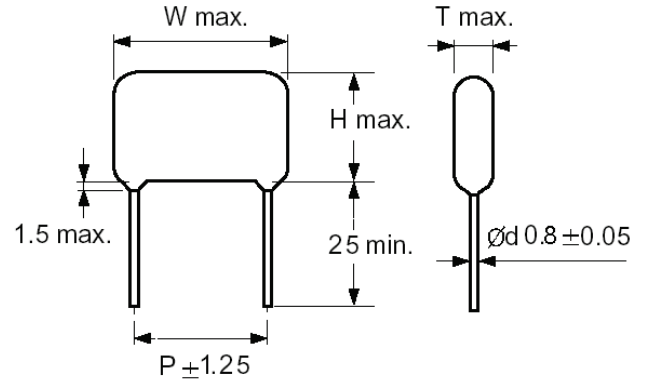


## Polypropylene Film Capacitor (High Voltage)

### Features

- Non-inductive construction.
- Self-healing property.
- Two capacitors are wound in series connection at the same time which will minimize the unbalance voltage distribution.
- High corona starting voltage.
- Large current rating and high maximum pulse rise time.
- Flame-retardant epoxy resin coating ( UL 94V-O )



### Specifications

- Operating Temperature: -40 +85
- Capacitance Range: 0.001  $\mu$ F 0.033  $\mu$ F
- Capacitance Tolerance:  $\pm$ 5%(J),  $\pm$ 10%(K)
- Rated Voltage: 1000VDC, 1200VDC, 1600VDC, 2000VDC
- Dissipation Factor: 0.1% max. at 1KHz, 20
- Withstand Voltage: 200% of the Rated Voltage for 1~5 Sec.
- Insulation Resistance: Measured at 500V.DC, 60 Sec. Between Terminals:  $\geq$ 30,000 M
- Load life Test : Will withstand the test of R.H. 95% at 40 for 100hrs.  
After the test, the capacitance drift less than 3%, D.F. less than 0.2%,  
I.R.  $\geq$  1,000 M  $\mu$ F or 10,000 M whichever is smaller.

Unit:mm

RV SIZE CAP( $\mu$ F)	1000VDC				1200VDC				1600VDC				2000VDC			
	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P
0.001	25.0	10.5	6.0	20.0	25.0	10.5	6.0	20.0	25.0	11.0	6.5	20.0	25.0	12.5	7.0	20.0
0.0012	25.0	11.0	6.0	20.0	25.0	11.0	6.0	20.0	25.0	11.5	6.5	20.0	25.0	13.0	7.5	20.0
0.0015	25.0	11.5	6.0	20.0	25.0	11.5	6.5	20.0	25.0	12.5	7.0	20.0	25.0	14.0	8.0	20.0
0.0018	25.0	11.5	6.0	20.0	25.0	12.0	7.0	20.0	25.0	13.5	7.5	20.0	25.0	16.0	8.5	20.0
0.0022	25.0	11.5	6.5	20.0	25.0	12.5	7.5	20.0	25.0	15.0	8.0	20.0	25.0	17.0	9.0	20.0
0.0027	25.0	12.0	7.0	20.0	25.0	13.0	8.0	20.0	25.0	16.0	8.5	20.0	25.0	18.0	10.0	20.0
0.0033	25.0	12.5	7.5	20.0	25.0	15.0	8.5	20.0	25.0	17.0	9.5	20.0	25.0	20.0	10.5	20.0
0.0039	25.0	13.0	8.0	20.0	25.0	16.0	9.5	20.0	25.0	18.5	10.0	20.0	25.0	21.0	11.0	20.0
0.0047	25.0	13.5	8.5	20.0	25.0	17.0	10.5	20.0	25.0	20.0	10.5	20.0	31.0	20.0	10.5	27.5
0.0056	25.0	16.0	9.5	20.0	25.0	18.0	11.5	20.0	31.0	20.0	10.0	27.5	31.0	21.0	11.5	27.5
0.0068	25.0	16.5	10.5	20.0	31.0	17.0	10.5	27.5	31.0	21.0	10.5	27.5	31.0	22.0	12.0	27.5
0.0082	25.0	17.5	11.5	20.0	31.0	18.0	11.0	27.5	31.0	22.0	11.0	27.5	31.0	23.0	13.0	27.5
0.01	25.0	19.5	12.0	20.0	31.0	21.0	12.0	27.5	31.0	23.0	12.0	27.5	31.0	24.0	14.0	27.5
0.012	25.0	21.0	13.5	20.0	31.0	22.0	13.0	27.5	31.0	24.0	13.5	27.5	31.0	25.5	15.5	27.5
0.015	31.0	20.0	12.0	27.5	31.0	23.0	14.0	27.5	31.0	26.0	16.0	27.5	31.0	28.0	17.0	27.5
0.018	31.0	20.5	12.5	27.5	31.0	25.0	15.0	27.5	31.0	28.0	18.0	27.5				
0.022	31.0	24.5	14.0	27.5	31.0	28.0	16.5	27.5	31.0	30.0	20.0	27.5				
0.027	31.0	25.5	15.5	27.5	31.0	30.0	18.5	27.5								
0.033	31.0	27.5	17.5	27.5	31.0	32.0	21.0	27.5								



# HITANO ENTERPRISE CORP.

7F-7, NO. 3, WU-CHUAN 1ST ROAD, WU-KU INDUSTRIAL PARK,

HSIN CHUNG CITY, TAIPEI HSIEN, TAIWAN, R.O.C.

TEL : 886-2-2299-1331, FAX : 886-2-2298-2466, 2298-2969

## FILM CAPACITORS

Part No. Designation:

MER	104	K	2E	B	A
SERIES	CAPACITANCE	TOL.	W.V.	Package//Lead Style	Extra Code for Size & Pitch & Lead length
	IN 3DIGITS	J= ± 5%	1H=50V	B = Bulk	A = Smaller Size
	332=0.0033uF	K= ±10%	1J=63V	A = T/BOX	Omit if one size
	104= 0.1 uF	M=±20%	2A=100V	R = T/REEL	T5 = 5mm Pitch On Tape
	474=0.47uF		2E=250V	F5 = 5mm Lead Space After Forming	T7.5 = 7.5mm Pitch On Tape
	105= 1 uF		2G=400V	C = Lead Cut	5 = 5mm Lead Length After Cut
	225= 2.2 uF		2J=630V		
	106= 10 uF		3A=1000V		
			3C=1600V		
			3D=2000V		