

## Polyester Film Capacitor

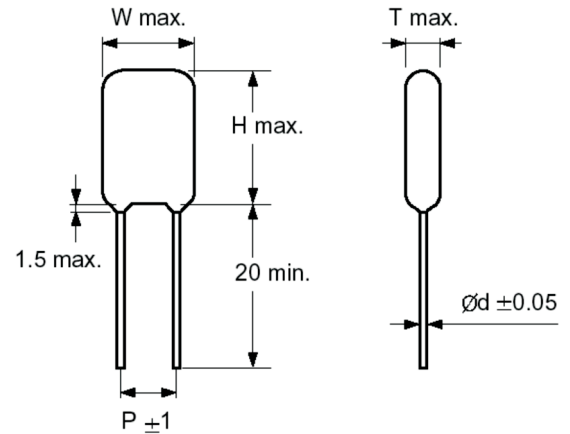
Induc onstruction with polyester film epoxy resin coated

### Features

- Good reputation use with consumer & industrial electronics
- Optimum for automatic insertion due to their small size and light weight
- Coated with epoxy resin for superior heat resistance, humidity resistance and solvent resistance.

### Specifications

1. Operating Temperature: -40°C ~ +85°C
2. Capacitance Range: 0.001  $\mu$ F ~ 0.47  $\mu$ F
3. Capacitance Tolerance:  $\pm 5\%$ (J),  $\pm 10\%$ (K)
4. Rated Voltage: 100VDC, 250VDC, 400VDC, 630VDC
5. Dissipation Factor: 1.0% Max. At 1KHz, 25°C
6. Insulation Resistance: >20,000 M $\Omega$ (C  $\leq$  0.1  $\mu$ F). >2,000 M $\Omega$   $\mu$ F/c (C > 0.1  $\mu$ F).
7. Voltage Proof: 250% of Rated Voltage for 1~5sec.



Unit:mm

RV SIZE CAP(μF)	100VDC					250VDC					400VDC/630VDC				
	W	H	T	P	dφ	W	H	T	P	dφ	W	H	T	P	dφ
0.0010	6.0	9.5	4.0	3.5	0.5	6.0	11.0	4.0	3.5	0.5	6.5	11.5	4.0	3.5	0.5
0.0015	6.0	9.5	4.0	3.5	0.5	6.0	11.0	4.0	3.5	0.5	6.5	11.5	4.0	3.5	0.5
0.0018	6.0	9.5	4.0	3.5	0.5	6.0	11.0	4.0	3.5	0.5	6.5	11.5	4.0	3.5	0.5
0.0022	6.0	9.5	4.0	3.5	0.5	6.0	11.0	4.0	3.5	0.5	6.5	11.5	4.0	3.5	0.5
0.0027	6.0	9.5	4.0	3.5	0.5	6.0	12.0	4.0	3.5	0.5	7.0	13.0	4.0	4.0	0.5
0.0033	6.0	9.5	4.0	3.5	0.5	6.0	12.0	4.0	3.5	0.5	7.0	13.0	4.5	4.0	0.5
0.0039	6.5	9.5	4.0	4.0	0.5	6.0	12.0	4.0	3.5	0.5	7.5	13.0	4.5	4.5	0.5
0.0047	6.5	9.5	4.0	4.0	0.5	6.0	12.0	4.0	3.5	0.5	7.5	13.5	4.5	4.5	0.5
0.0056	6.5	9.5	4.0	4.0	0.5	7.0	11.0	4.0	4.0	0.5	8.0	13.5	4.5	5.0	0.5
0.0068	6.5	10.0	4.0	4.0	0.5	7.0	11.0	4.0	4.0	0.5	8.0	13.5	4.5	5.0	0.5
0.0082	6.5	10.0	4.0	4.0	0.5	7.0	11.0	4.0	4.0	0.5	8.0	13.5	4.5	5.0	0.5
0.010	6.5	10.0	4.0	4.0	0.5	7.0	11.0	4.0	4.0	0.5	8.0	13.5	5.0	5.0	0.5
0.015	7.0	10.0	4.0	4.0	0.5	8.0	12.0	5.0	5.0	0.5	10.0	15.0	6.0	6.0	0.5
0.018	7.0	10.0	4.0	4.0	0.5	8.0	12.0	5.0	5.0	0.5	10.0	15.0	6.0	6.0	0.5
0.022	8.0	12.0	4.0	5.0	0.5	8.0	12.0	5.0	5.0	0.5	11.0	15.0	6.0	6.5	0.5
0.027	8.0	12.0	4.0	5.0	0.5	9.0	12.0	6.0	6.0	0.5	12.0	16.0	7.0	7.0	0.5
0.033	8.0	12.0	4.0	5.0	0.5	9.0	12.0	6.0	6.0	0.5	12.0	16.0	7.0	7.0	0.5
0.039	9.0	13.0	5.0	6.0	0.5	9.0	13.0	6.0	6.0	0.5	12.5	16.0	7.5	7.5	0.5
0.047	9.0	13.0	5.0	6.0	0.5	9.0	13.0	6.0	6.0	0.5	12.5	16.0	7.5	7.5	0.5
0.056	10.0	13.0	5.0	6.0	0.5	9.0	13.0	6.0	6.0	0.5	13.0	16.0	7.5	7.5	0.5
0.068	10.0	13.0	5.0	6.0	0.5	11.0	13.0	6.0	6.0	0.5	13.0	16.0	8.0	8.0	0.5
0.082	11.0	13.0	6.0	6.5	0.5	11.0	14.0	6.5	6.5	0.5	13.0	16.0	8.5	8.0	0.5
0.10	11.0	14.0	6.0	7.0	0.5	11.0	14.0	6.5	7.0	0.5	13.0	16.0	9.0	8.0	0.5
0.15	12.5	14.0	7.5	8.0	0.5	11.0	15.0	6.0	7.0	0.5					
0.18	12.5	14.0	8.0	8.0	0.5	12.0	14.0	6.0	8.0	0.5					
0.22	12.5	15.0	8.0	8.0	0.5	12.0	14.0	6.0	8.0	0.5					
0.27	14.0	17.0	9.0	8.5	0.5										
0.33	14.0	17.0	9.0	9.0	0.5										
0.39	16.0	18.0	10.0	9.5	0.5										
0.47	16.0	18.0	10.0	9.5	0.5										



# 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		