

# CPPN Series

## Polypropylene Film Capacitors (Radial Dipped)

**TRIGON**  
COMPONENTS



### FEATURES

- Low dissipation factor and high insulation resistance.
- High stability of capacitance and DF versus temperature and frequency.
- Low equivalent series resistance.
- Non-inductive construction.
- High working voltage range.
- RoHS Compliant.

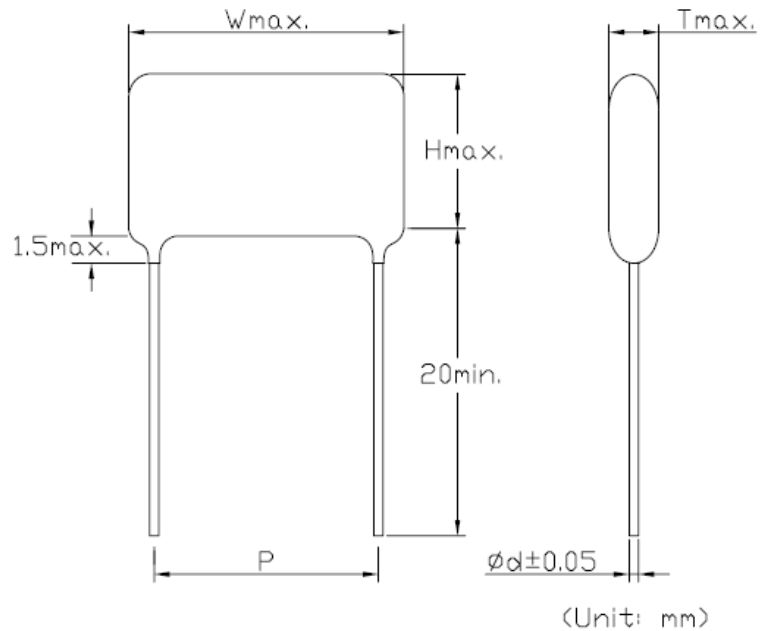
### ORDERING CODE

**CPPN 223 J 500 L 100 T**  
(1) (2) (3) (4) (5) (6) (7)

- (1) Polypropylene Film Capacitor(Radial Dipped).
- (2) Capacitance Code
- (3) Tolerance Code
- (4) Rated Voltage Code
- (5) Style
- (6) Lead to Lead Distance
- (7) Package

※Please refer to complete Ordering Code Document (CPMx-Ord) for more ordering options.

### Configuration



Capacitor

### Specification:

Item	Performance Characteristics
Operating Temperature	-40°C ~ +85°C
Rated Voltage	63, 100, 160, 250, 400, 630, 1000VDC
Capacitance Range	0.001 $\mu$ F ~ 0.47 $\mu$ F
Dielectric Strength	250% of rated voltage for 5 sec.
Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K)
Insulation Resistance	50,000M $\Omega$ min at 25°C
Dissipation Factor	C < 15 $\mu$ F 0.1% max. at 1KHz C $\leq$ 15 $\mu$ F 0.2% max.

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RV	63V				100V				160V				250V			
Cap. Size	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P
0.001																
0.0015																
0.0022																
0.0033													9.5	8.0	5.0	7.5
0.0047													9.5	8.0	5.0	7.5
0.0058					9.5	8.0	5.0	7.5					12.5	10.0	5.0	10.0
0.0068					9.5	8.0	5.0	7.5					12.5	10.0	5.0	10.0
0.01					12.5	9.0	4.0	10.0	12.5	10.0	5.0	10.0	12.5	10.0	5.0	10.0
0.015					12.5	9.0	4.0	10.0	12.5	10.0	5.0	10.0	12.5	12.0	6.0	10.0
0.022					12.5	10.0	5.0	10.0	12.5	12.0	6.0	10.0	12.5	12.0	6.0	10.0
0.033					12.5	10.0	5.0	10.0	12.5	12.0	6.0	10.0	12.5	12.0	6.0	10.0
0.047	12.5	10.0	5.0	10.0	12.5	12.0	6.0	10.0	12.5	12.0	6.0	10.0	18.0	12.5	6.0	15.0
0.056	12.5	10.0	5.0	10.0	12.5	12.0	6.0	10.0	18.0	11.0	5.0	15.0	18.0	15.0	7.0	15.0
0.068	12.5	12.0	6.0	10.0	12.5	12.0	6.0	10.0	18.0	12.5	6.0	15.0	18.0	15.5	8.5	15.0
0.1	18.0	12.5	6.0	15.0	18.0	15.0	7.0	15.0	18.0	15.0	7.0	15.0	18.0	15.5	8.5	15.0
0.15	18.0	15.0	7.0	15.0	18.0	15.0	7.0	15.0	18.0	15.5	8.5	15.0	26.0	18.5	8.5	22.5
0.22	18.0	15.0	7.0	15.0	18.0	15.5	8.5	15.0	26.0	18.5	8.5	22.5	26.0	20.0	12.0	22.5
0.33	26.0	18.5	8.5	22.5	26.0	18.5	8.5	22.5	26.0	20.0	12.0	22.5	30.0	22.0	13.0	27.5
0.47	26.0	18.5	8.5	22.5	26.0	20.0	12.0	22.5	26.0	20.0	12.0	22.5	30.0	22.0	13.0	27.5
RV	400V				630V				1000V							
Cap. Size	W	H	T	P	W	H	T	P	W	H	T	P				
0.001					12.5	9.0	4.0	10.0	12.5	10.0	5.0	10.0				
0.0015	10.0	9.0	5.0	7.5	12.5	9.0	4.0	10.0	12.5	10.0	5.0	10.0				
0.0022	10.0	9.0	5.0	7.5	12.5	10.0	5.0	10.0	12.5	12.0	6.0	10.0				
0.0033	10.0	9.0	5.0	7.5	12.5	9.0	4.0	10.0	12.5	12.0	6.0	10.0				
0.0047	10.0	9.0	5.0	7.5	12.5	10.0	5.0	10.0	12.5	12.0	6.0	10.0				
0.0058	12.5	10.0	5.0	10.0	12.5	12.0	6.0	10.0	12.5	12.0	6.0	10.0				
0.0068	12.5	12.0	6.0	10.0	12.5	12.0	6.0	10.0	18.0	11.0	5.0	15.0				
0.01	12.5	12.0	6.0	10.0	12.5	12.0	6.0	10.0	18.0	12.5	6.0	15.0				
0.015	12.5	12.0	6.0	10.0	18.0	12.5	6.0	15.0	18.0	15.0	7.0	15.0				
0.022	18.0	12.5	6.0	15.0	18.0	15.0	7.0	15.0	18.0	15.5	8.5	15.0				
0.033	18.0	12.5	6.0	15.0	18.0	15.0	7.0	15.0	26.0	18.5	8.5	22.5				
0.047	18.0	15.0	7.0	15.0	18.0	15.0	7.0	15.0								
0.056	18.0	15.5	8.5	15.0	26.0	18.5	8.5	22.5								
0.068	18.0	15.5	8.5	15.0	26.0	18.5	8.5	22.5								
0.1	18.0	15.5	8.5	15.0	26.0	20.0	12.0	22.5								
0.15	26.0	18.5	8.5	22.5	30.0	22.0	13.0	27.5								
0.22	26.0	20.0	12.0	22.5												
0.33	26.0	20.0	12.0	22.5												
0.47																

※Please contact us for special item or size not listed.

Capacitor