

■ POLYPROPYLENE FILM CAPACITOR

Type NPA



Application

- General Purpose

Specific features

- Using polypropylene film as dielectric. Most suitable for high-performance electric appliance, oscillation circuit requiring high stability (and S-shape correction for high current). It is also high reliable with little aging.
- Small $\tan \delta$, good high-frequency performance.
- High insulation resistance.
- Temperature coefficient of capacitance is negative and almost constant.
- Epoxy resin powder coating provides resistance to soldering heat and solvent.

Specifications

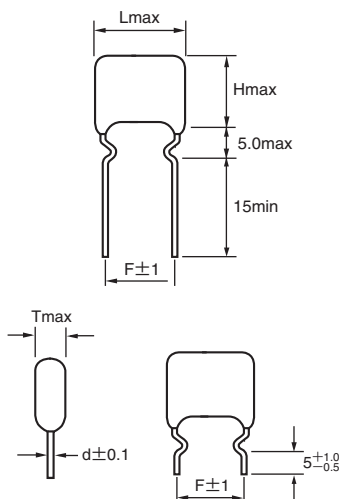
Item	Performance
Operating Temperature Range	-40~+85°C
Rated Voltage	250V, 400V, 630V
Capacitance Range	100pF~0.33 μ F
Tolerance	$\pm 5\%$

Specifications

3D		2E		103		J	
Type Code		Rated Voltage		Capacitance		Tolerance	
3D	NPA	Code	VDC	First two figures mean capacitance (pF) and third expressing number of zeros. Example: 103=0.01 μ F		Code	Tolerance
		2E	250	J	$\pm 5\%$		
		2G	400				
		2J	630				

Dimensions

(mm)



Taping for automatic insertion types are also available.

Cap.	250VDC					400VDC					630VDC				
	L max	T max	H max	F ± 1	d ± 0.1	L max	T max	H max	F ± 1	d ± 0.1	L max	T max	H max	F ± 1	d ± 0.1
101-911											11.5	5.5	8.5	5.0	0.7
102													10.5		
122												6.0	11.0		
152												6.5	11.5		
182													12.0		
222						11.5	6.0	11.5	5.0	0.7		7.5	13.0		
272							6.5				14.5	5.5	10.5	7.5	
332							6.0						11.0		
392							6.5					6.0			
472							7.5	12.5				6.5	11.5		
562	11.5	6.0	11.5	5.0	0.7		8.0	13.0				6.0	13.0		
682		7.0	12.0				8.5	14.0				6.5	13.5		
822		6.5	11.5			14.5	6.5	13.0	7.5		19.5	5.5	12.0	10.0	
103		7.0	12.0				7.0	13.5				6.0	12.5		
123			13.5				6.0	13.0					13.0		
153	14.5	5.5	12.5	7.5			6.5	13.5				7.0	13.5		
183		6.0				19.5	6.0	12.5	10.0			7.5	14.5		
223		5.0	12.0				6.5	13.0				8.5	15.0		
273		5.5					6.0					9.0	16.5		
333		6.0	12.5				6.5				24.5	8.5	15.0	0.8	
393		6.5	13.0				7.0	13.5				9.0	16.0		
473	19.5	5.5	12.0	10.0			8.0	14.5				9.5	16.5		
563		6.0	12.5				8.5	15.5				10.0	17.5		
683			13.0				9.0	16.5				11.0	18.5		
823		6.5	13.5				10.0	17.0				12.0	20.0		
104	19.5	7.5	14.5			24.5	8.5			0.8		13.0	21.5		
124		8.5	15.0				9.0	18.0				14.0	22.5		
154		9.0	16.0				10.0	19.0				15.5	24.0		
184		9.5	17.0				11.0	19.5				17.0	25.5		
224	24.5	9.0	16.5		0.8		12.0	21.5				19.0	27.0		
274							13.0	23.0							
334							14.5	24.0							