

TYPE:MPP

are constructed with metalized polypropylene film dielectric tinned copper wire leads and epoxy resin coating, in non-inductive type.

FEATURES:

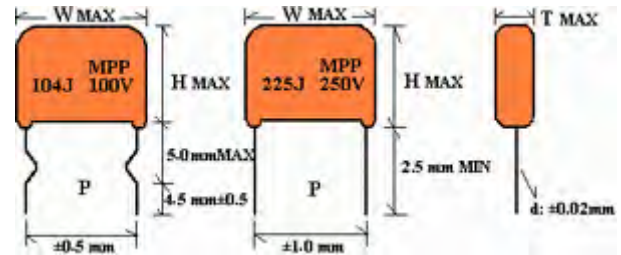
- Self-healing property.
- Low DF, High IR.
- High frequency and high current circuits applications.
- High stability of capacitance and DF versus temperature and frequency.
- Flame retardant epoxy resin coating.

APPLICATIONS:

They are ideal for blocking, coupling, decoupling, filtering, by-pass, timing tuning, temperature compensation and TV or monitor S-shaping correction capacitor and other general purpose usage.

SPECIFICATION:

- Operating temperature : $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Capacitance range : $.01\mu\text{F} \sim 4.7\mu\text{F}$
- Capacitance tolerance : $J=\pm 5\%, K=\pm 10\%, M=\pm 20\%$.
- Rated voltage (RV) : 100, 250, 400, 630VDC.
- Dissipation factor (DF) : $.1\%$ max at 1KHz 25°C
- Testing voltage (TV) : 160% of RV for 60sec
- Insulation resistance (IR) : $C \leq .33\mu\text{F}, IR \geq 100000\text{M}\Omega$



(measured at RV or 500Vdc $C > .33\mu\text{F}, IR \geq 30000\text{M}\Omega. \mu\text{F}$)

whichever is smaller, at 25°C)

$P \leq 10.0\text{mm} \quad d\phi = 0.6$

$P \geq 15\text{mm} \quad d\phi = 0.8$

DIMENSIONS:

CODE	RV	100VDC				250VDC				400VDC				630VDC			
	size	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P
	cap.	max	max	max		max	max	max		max	max	max		max	max	max	
103	.010	10.5	8.5	4.5	7.5 ± 1.0	10.5	8.5	4.5	7.5 ± 1.0	13.5	8.5	4.5	10.0 ± 1.0	13.5	10.5	6.5	10.0 ± 1.0
123	.012	10.5	8.5	4.5	7.5 ± 1.0	10.5	8.5	4.5	7.5 ± 1.0	13.5	8.5	4.5	10.0 ± 1.0	13.5	11.0	7.0	10.0 ± 1.0
153	.015	10.5	8.5	4.5	7.5 ± 1.0	10.5	8.5	4.5	7.5 ± 1.0	13.5	9.0	4.5	10.0 ± 1.0	13.5	12.0	7.5	10.0 ± 1.0
183	.018	10.5	8.5	4.5	7.5 ± 1.0	13.5	8.5	4.5	10.0 ± 1.0	13.5	9.5	4.5	10.0 ± 1.0	18.5	10.0	5.5	15.0 ± 1.0
223	.022	10.5	8.5	4.5	7.5 ± 1.0	13.5	8.5	4.5	10.0 ± 1.0	13.5	10.5	5.0	10.0 ± 1.0	18.5	10.5	6.5	15.0 ± 1.0
273	.027	10.5	8.5	4.5	7.5 ± 1.0	13.5	8.5	4.5	10.0 ± 1.0	13.5	11.0	5.5	10.0 ± 1.0	18.5	11.0	7.0	15.0 ± 1.0
333	.033	10.5	8.5	4.5	7.5 ± 1.0	13.5	9.0	4.5	10.0 ± 1.0	13.5	12.0	6.5	10.0 ± 1.0	18.5	12.5	7.5	15.0 ± 1.0
393	.039	10.5	8.5	4.5	7.5 ± 1.0	13.5	9.5	5.0	10.0 ± 1.0	13.5	12.5	7.0	10.0 ± 1.0	18.5	13.0	8.0	15.0 ± 1.0
473	.047	13.5	8.5	4.5	10.0 ± 1.0	13.5	10.0	5.5	10.0 ± 1.0	13.5	13.0	7.5	10.0 ± 1.0	18.5	14.0	8.5	15.0 ± 1.0
563	.056	13.5	8.5	4.5	10.0 ± 1.0	13.5	11.0	6.0	10.0 ± 1.0	18.5	12.0	6.0	15.0 ± 1.0	18.5	14.5	9.0	15.0 ± 1.0
683	.068	13.5	9.0	5.0	10.0 ± 1.0	13.5	11.5	6.5	10.0 ± 1.0	18.5	12.5	6.5	15.0 ± 1.0	18.5	15.5	10.0	15.0 ± 1.0
823	.082	13.5	10.0	5.5	10.0 ± 1.0	13.5	12.5	7.0	10.0 ± 1.0	18.5	13.0	7.5	15.0 ± 1.0	26.5	15.0	8.0	22.5 ± 1.5
104	.10	13.5	10.5	6.0	10.0 ± 1.0	13.5	13.0	7.5	10.0 ± 1.0	18.5	13.5	8.0	15.0 ± 1.0	26.5	16.0	9.0	22.5 ± 1.5
124	.12	13.5	11.0	6.5	10.0 ± 1.0	13.5	13.5	8.0	10.0 ± 1.0	18.5	14.5	8.5	15.0 ± 1.0	26.5	16.5	9.5	22.5 ± 1.5
154	.15	13.5	11.5	7.0	10.0 ± 1.0	18.5	12.5	7.5	15.0 ± 1.0	18.5	15.5	9.5	15.0 ± 1.0	26.5	17.5	10.5	22.5 ± 1.5
184	.18	13.5	12.5	7.5	10.0 ± 1.0	18.5	13.5	8.0	15.0 ± 1.0	23.5	15.0	8.5	20.0 ± 1.0	26.5	19.0	11.5	22.5 ± 1.5
224	.22	18.5	11.5	6.0	15.0 ± 1.0	18.5	14.5	8.5	15.0 ± 1.0	23.5	16.0	9.0	20.0 ± 1.0	31.0	19.5	11.5	27.5 ± 1.5

274	.27	18.5	12.0	6.5	15.0±1.0	18.5	15.5	9.5	15.0±1.0	23.5	17.0	9.5	20.0±1.0	31.0	21.0	12.0	27.5±1.5
334	.33	18.5	12.5	7.0	15.0±1.0	18.5	16.5	10.5	15.0±1.0	23.5	18.0	10.0	20.0±1.0	31.0	22.0	13.5	27.5±1.5
394	.39	18.5	13.5	7.5	15.0±1.0	23.5	15.5	8.0	20.0±1.0	23.5	19.0	10.5	20.0±1.0	31.0	23.5	15.0	27.5±1.5
474	.47	18.5	14.0	8.0	15.0±1.0	23.5	16.5	9.0	20.0±1.0	26.5	19.5	11.0	22.5±1.5	31.0	25.5	15.5	27.5±1.5
564	.56	18.5	14.5	9.0	15.0±1.0	23.5	17.0	10.0	20.0±1.0	26.5	20.5	12.0	22.5±1.5	31.0	27.5	17.0	27.5±1.5
684	.68	18.5	15.5	10.0	15.0±1.0	23.5	18.0	11.0	20.0±1.0	26.5	21.5	13.0	22.5±1.5	31.0	29.0	18.5	27.5±1.5
824	.82	26.5	15.0	7.5	22.5±1.5	31.0	19.0	10.0	27.5±1.5	31.0	22.5	13.5	27.5±1.5				
105	1.0	26.5	16.5	8.5	22.5±1.5	31.0	20.0	11.0	27.5±1.5	31.0	24.0	15.0	27.5±1.5				
125	1.2	26.5	19.5	9.5	22.5±1.5	31.0	21.0	12.0	27.5±1.5								
155	1.5	26.5	17.5	10.5	22.5±1.5	31.0	22.5	13.5	27.5±1.5								
185	1.8	26.5	19.5	11.0	22.5±1.5	31.0	24.0	15.0	27.5±1.5								
225	2.2	31.0	20.0	11.0	27.5±1.5	31.0	26.0	16.5	27.5±1.5								
275	2.7	31.0	21.0	12.0	27.5±1.5	31.0	27.0	17.0	27.5±1.5								
335	3.3	31.0	23.0	13.0	27.5±1.5	31.0	28.0	18.0	27.5±1.5								
395	3.9	31.0	24.5	15.0	27.5±1.5												
475	4.7	31.0	25.5	16.5	27.5±1.5												

Please contact us for special case or items not listed.