

●メタライズド・ポリプロピレン・フィルム・コンデンサ / METALLIZED POLYPROPYLENE FILM CAPACITORS

MMPNC series

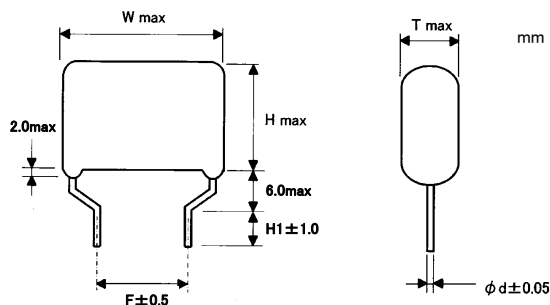
■特徴

- ・高周波での内部損失が小さい。
- ・内部発熱の温度上昇が小さい。
- ・高い周波数回路、パルス回路、直流・交流での使用に適しています。
- ・高周波大電流回路に適しています。

■FEATURES

- ・Low loss at high frequency.
- ・Small inheant temperature rise.
- ・Widely used in high frequency, DC, AC and pulse ciucuit.
- ・Suitable for the situation where applies high frequency and high current pulse.

■寸法図/DIAGRAM OF DIMINTIONS



H1=3.5, 4.0, 4.5, 5.0

■寸法表/DIMINTIONS

静電容量		250VDC (2E)				
記号	μF	W	H	T	P / F	φd
103	0.01	13.0	9.0	5.5	10.0 / 7.5	0.6
123	0.012	13.0	9.0	5.5	10.0 / 7.5	0.6
153	0.015	13.0	9.5	5.5	10.0 / 7.5	0.6
183	0.018	13.0	10.0	5.5	10.0 / 7.5	0.6
223	0.022	13.0	10.0	6.0	10.0 / 7.5	0.6
273	0.027	13.0	10.0	6.0	10.0 / 7.5	0.6
333	0.033	13.0	10.0	6.0	10.0 / 7.5	0.6
393	0.039	13.0	10.0	6.0	10.0 / 7.5	0.6
473	0.047	13.0	10.0	6.0	10.0 / 7.5	0.6
563	0.056	13.0	10.0	6.5	10.0 / 7.5	0.6
683	0.068	13.0	11.0	6.5	10.0 / 7.5	0.6
823	0.082	13.0	11.0	6.5	10.0 / 7.5	0.6
104	0.1	13.0	12.0	6.5	10.0 / 7.5	0.6
124	0.12	13.0	11.0	6.5	10.0 / 7.5	0.6
154	0.15	13.0	12.0	7.0	10.0 / 7.5	0.6
184	0.18	13.0	11.0	6.5	10.0 / 7.5	0.6
224	0.22	13.0	12.0	6.5	10.0 / 7.5	0.6
274	0.27	13.0	13.0	7.0	10.0 / 7.5	0.6
334	0.33	13.0	13.5	8.0	10.0 / 7.5	0.8
394	0.39	13.0	14.0	8.5	10.0 / 7.5	0.8
474	0.47	15.5	14.0	7.0	12.5 / 7.5	0.8
564	0.56	15.5	15.0	8.0	12.5 / 7.5	0.8
684	0.68	15.5	16.0	8.5	12.5 / 7.5	0.8
824	0.82	15.5	17.0	9.5	12.5 / 7.5	0.8
105	1.0	18.5	16.0	9.0	15.0 / 7.5	0.8
125	1.2	18.5	17.0	10.0	15.0 / 7.5	0.8
155	1.5	18.5	18.0	11.0	15.0 / 7.5	0.8
185	1.8	18.5	19.5	12.0	15.0 / 7.5	0.8
225	2.2	20.5	20.5	12.0	17.5 / 7.5	0.8
275	2.7	20.5	21.5	13.0	17.5 / 7.5	0.8
335	3.3	20.5	23.5	15.0	17.5 / 7.5	0.8
395	3.9	25.5	23.0	14.0	22.5 / 15.0	0.8
475	4.7	25.5	24.5	16.0	22.5 / 15.0	0.8

■性能/PERFORMANCE SPECIFICATIONS

・使用温度範囲/Temperature range : -40°C~+105°C ※
・誘電正接/Dissipation factor : 0.1% max. (at 20°C, 1kHz)
・絶縁抵抗/Insulation resistance
25,000MΩ min. (C ≤ 0.33 μF at 20°C)
7,500Ω F min. (C > 0.33 μF at 20°C)
・耐電圧/Withstand voltage : WV × 1.75 (5sec)
・静電容量許容差/Capacitance tolerance : ±5%(J) ±10%(K)

※ +85~+105°Cは電圧軽減による使用可能範囲です(-1.25%/°C)。
+85~+105°C is the usable range due to voltage derating(-1.25%/°C)

(mm)

静電容量		400VDC (2G)				
記号	μF	W	H	T	P / F	φd
103	0.01	13.0	9.0	5.5	10.0 / 7.5	0.6
123	0.012	13.0	9.0	5.5	10.0 / 7.5	0.6
153	0.015	13.0	9.5	5.5	10.0 / 7.5	0.6
183	0.018	13.0	10.0	5.5	10.0 / 7.5	0.6
223	0.022	13.0	10.0	6.0	10.0 / 7.5	0.6
273	0.027	13.0	10.0	6.0	10.0 / 7.5	0.6
333	0.033	13.0	10.0	6.0	10.0 / 7.5	0.6
393	0.039	13.0	10.0	6.0	10.0 / 7.5	0.6
473	0.047	13.0	10.0	6.0	10.0 / 7.5	0.6
563	0.056	13.0	10.0	6.5	10.0 / 7.5	0.6
683	0.068	13.0	11.0	6.5	10.0 / 7.5	0.6
823	0.082	13.0	11.0	6.5	10.0 / 7.5	0.6
104	0.1	15.5	12.5	6.5	12.5 / 7.5	0.6
124	0.12	15.5	12.5	7.0	12.5 / 7.5	0.6
154	0.15	15.5	13.5	7.5	12.5 / 7.5	0.6
184	0.18	15.5	13.5	7.0	12.5 / 7.5	0.6
224	0.22	15.5	14.5	7.5	12.5 / 7.5	0.6
274	0.27	18.5	15.0	8.0	15.0 / 7.5	0.8
334	0.33	18.5	15.5	8.0	15.0 / 7.5	0.8
394	0.39	18.5	16.5	9.0	15.0 / 7.5	0.8
474	0.47	20.5	16.5	8.5	17.5 / 7.5	0.8
564	0.56	20.5	17.5	9.5	17.5 / 7.5	0.8
684	0.68	20.5	18.0	10.5	17.5 / 7.5	0.8
824	0.82	20.5	19.0	12.0	17.5 / 7.5	0.8
105	1.0	20.5	20.0	13.0	17.5 / 7.5	0.8
125	1.2	25.5	20.5	12.0	22.5 / 15.0	0.8
155	1.5	25.5	22.0	13.5	22.5 / 15.0	0.8
185	1.8	25.5	23.0	14.5	22.5 / 15.0	0.8
225	2.2	25.5	24.5	14.5	22.5 / 15.0	0.8

MMPNC series

■寸法表/DIMENSIONS

(mm)

静電容量		450VDC(2W)				
記号	μF	W	H	T	P / F	ϕd
103	0.01	13.0	9.0	5.5	10.0 / 7.5	0.6
123	0.012	13.0	9.0	5.5	10.0 / 7.5	0.6
153	0.015	13.0	9.5	5.5	10.0 / 7.5	0.6
183	0.018	13.0	10.0	5.5	10.0 / 7.5	0.6
223	0.022	13.0	10.0	6.0	10.0 / 7.5	0.6
273	0.027	13.0	10.0	6.0	10.0 / 7.5	0.6
333	0.033	13.0	10.0	6.0	10.0 / 7.5	0.6
393	0.039	13.0	10.0	6.0	10.0 / 7.5	0.6
473	0.047	13.0	10.0	6.0	10.0 / 7.5	0.6
563	0.056	13.0	10.0	6.5	10.0 / 7.5	0.6
683	0.068	13.0	11.0	6.5	10.0 / 7.5	0.6
823	0.082	13.0	11.0	6.5	10.0 / 7.5	0.6
104	0.1	15.5	12.5	6.5	12.5 / 7.5	0.6
124	0.12	15.5	12.5	7.0	12.5 / 7.5	0.6
154	0.15	15.5	13.5	7.5	12.5 / 7.5	0.6
184	0.18	15.5	13.5	7.0	12.5 / 7.5	0.6
224	0.22	15.5	14.5	7.5	12.5 / 7.5	0.6
274	0.27	18.5	15.0	8.0	15.0 / 7.5	0.8
334	0.33	18.5	15.5	8.0	15.0 / 7.5	0.8
394	0.39	18.5	16.5	9.0	15.0 / 7.5	0.8
474	0.47	20.5	16.5	8.5	17.5 / 7.5	0.8
564	0.56	20.5	17.5	9.5	17.5 / 7.5	0.8
684	0.68	20.5	18.0	10.5	17.5 / 7.5	0.8
824	0.82	20.5	19.0	12.0	17.5 / 7.5	0.8
105	1.0	20.5	20.0	13.0	17.5 / 7.5	0.8
125	1.2	25.5	20.5	12.0	22.5 / 15.0	0.8
155	1.5	25.5	22.0	13.5	22.5 / 15.0	0.8
185	1.8	25.5	23.0	14.5	22.5 / 15.0	0.8
225	2.2	25.5	24.5	14.5	22.5 / 15.0	0.8

静電容量		630VDC(2J)				
記号	μF	W	H	T	P / F	ϕd
103	0.01	13.0	9.0	5.5	10.0 / 7.5	0.6
123	0.012	13.0	9.0	5.5	10.0 / 7.5	0.6
153	0.015	13.0	9.5	5.5	10.0 / 7.5	0.6
183	0.018	13.0	10.0	6.0	10.0 / 7.5	0.6
223	0.022	13.0	10.0	6.0	10.0 / 7.5	0.6
273	0.027	13.0	10.0	6.0	10.0 / 7.5	0.6
333	0.033	13.0	11.0	6.0	10.0 / 7.5	0.6
393	0.039	13.0	11.5	6.5	10.0 / 7.5	0.6
473	0.047	15.5	12.5	7.0	12.5 / 7.5	0.6
563	0.056	15.5	13.0	7.5	12.5 / 7.5	0.6
683	0.068	15.5	12.5	9.0	12.5 / 7.5	0.6
823	0.082	18.5	14.0	7.0	15.0 / 7.5	0.8
104	0.1	18.5	14.5	8.0	15.0 / 7.5	0.8
124	0.12	18.5	15.0	8.5	15.0 / 7.5	0.8
154	0.15	18.5	16.0	9.5	15.0 / 7.5	0.8
184	0.18	18.5	16.5	10.0	15.0 / 7.5	0.8
224	0.22	18.5	17.5	11.0	15.0 / 7.5	0.8
274	0.27	20.5	17.0	9.0	17.5 / 7.5	0.8
334	0.33	20.5	18.0	11.0	17.5 / 7.5	0.8
394	0.39	20.5	19.0	11.5	17.5 / 7.5	0.8
474	0.47	20.5	20.0	12.0	17.5 / 7.5	0.8
564	0.56	25.5	21.0	13.0	22.5 / 15.0	0.8
684	0.68	25.5	22.5	14.0	22.5 / 15.0	0.8
824	0.82	25.5	23.5	15.0	22.5 / 15.0	0.8
105	1.0	25.5	26.5	16.0	22.5 / 15.0	1.0

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

2E MMPNC FL 103 J 715 H145 E



■製品の改良のため予告無く仕様を変更する場合があります。

There is a case to change the specification without notifying beforehand for the improvement of the product.