

Type MM

6C2E, 6C2G, 6C2J, 6C5B, 6C5E



メタライズドポリエステルフィルムコンデンサ METALLIZED POLYESTER FILM CAPACITOR

■ 特 長 / Specific features

- 低電圧品から高電圧品まで広い電圧及び静電容量に対応します。
- 小型、無誘導構造。
- Available from low voltage to high voltage, wide range of capacitance.
- Small, non-inductive construction.

■ 用 途 / Application

- 一般機器用
- 平滑用(電源・インバータ回路)
- フィルター用
- General Purpose
- Coupling (power, inverter circuit)
- Filter

■ 仕 様 / Specifications

項目 / Item		性能 / Performance	条件 / Remark
使用温度範囲 Operating Temperature Range		-40°C~+85°C(+105°C)	—
定格電圧 Rated Voltage		250VDC, 400VDC, 630VDC, 125VAC, 250VAC	—
耐電圧 Voltage Proof	端子間 Between Terminals	異常ないこと No defect	W.V.×150% 60秒間 W.V.×150% 60sec.
	端子外装間 Between Terminals and Case	異常ないこと No defect	W.V.×200% 2~5秒間 W.V.×200% 2~5sec.
絶縁抵抗 Insulation Resistance		C≤0.33μF:9,000MΩ以上, More than 9,000MΩ C>0.33μF:3,000ΩF以上, More than 3,000ΩF	250VDC, 400VDC, 125VAC:100VDC 60sec. 630VDC, 250VAC:500VDC 60sec.
静電容量 Capacitance		0.01μF~4.7μF	1kHz ±20%
許容誤差 Tolerance		±5%(J), ±10%(K)	1kHz ±20%
誘電正接 tanδ		0.01以下 0.01 or less	1kHz ±20%

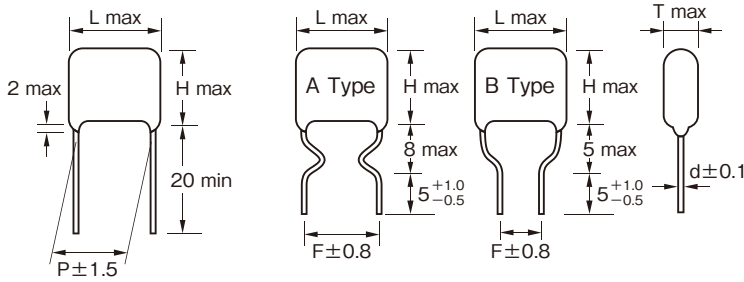
■ 品名コード体系 / Parts code

6C		2E/5B		103	K	
品種記号 Type Code		定格電圧 Rated Voltage		静電容量 Capacitance	許容差 Tolerance	
6C	MM	コード Code	VDC/VAC	※10ページの品名コード体系をご覧ください。 Please refer parts code page 10.	コード Code	許容差 Tolerance
		2E	250VDC		J	±5%
		2G	400VDC		K	±10%
		2J	630VDC			
		5B	125VAC			
		5E	250VAC			

※ ご使用についてはプラスチックフィルムコンデンサの使用上の注意事項ガイドラインを参照して下さい。
※ For handling, please refer to Guideline of special attention for the usage of plastic film capacitors.

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■寸法 / Dimensions (mm)

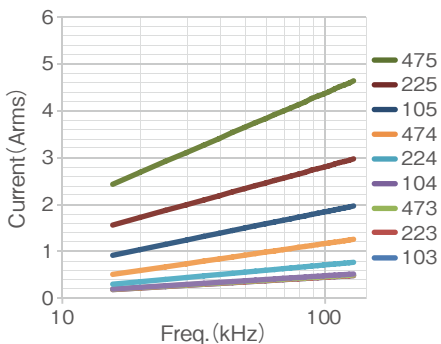


Cap. μF	250VDC								400VDC								630VDC							
	L	T	H	P	F	d	Type	Pulsecurrent (Ao-p)	L	T	H	P	F	d	Type	Pulsecurrent (Ao-p)	L	T	H	P	F	d	Type	Pulsecurrent (Ao-p)
103	10.8	4.3	7.4	7.5	7.5	0.6	A	1	10.8	4.4	7.8	7.5	7.5	0.6	A	1	13.0	4.5	7.5	10.0	10.0	0.6	A	1
123	∅	4.4	7.5	∅	∅	∅	∅	2	∅	∅	∅	∅	∅	∅	∅	2	∅	∅	8.0	∅	∅	∅	∅	∅
153	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	5.0	∅	∅	∅	∅	∅	2
183	∅	5.0	8.0	∅	∅	∅	∅	3	∅	∅	∅	∅	∅	∅	∅	3	∅	∅	10.0	∅	∅	∅	∅	∅
223	∅	4.4	7.5	∅	∅	∅	∅	2	∅	∅	∅	∅	∅	∅	∅	2	∅	5.5	10.5	∅	∅	∅	∅	∅
273	∅	4.5	∅	∅	∅	∅	∅	3	∅	∅	∅	∅	∅	∅	∅	3	∅	∅	11.0	∅	∅	∅	∅	3
333	∅	∅	∅	∅	∅	∅	∅	∅	∅	5.5	9.0	∅	∅	∅	∅	∅	∅	6.0	12.0	∅	∅	∅	∅	4
393	∅	∅	∅	∅	∅	∅	∅	∅	13.0	5.0	8.0	10.0	10.0	∅	∅	∅	∅	∅	13.5	∅	∅	∅	∅	∅
473	∅	∅	∅	∅	∅	∅	∅	4	∅	∅	8.5	∅	∅	∅	∅	4	∅	6.5	∅	∅	∅	∅	∅	5
563	∅	∅	∅	∅	∅	∅	∅	5	∅	∅	10.0	∅	∅	∅	∅	∅	18.0	5.5	10.5	15.0	∅	∅	B	3
683	∅	∅	∅	∅	∅	∅	∅	∅	∅	5.5	10.5	∅	∅	∅	∅	5	∅	6.0	11.0	∅	∅	∅	∅	4
823	∅	5.0	8.0	∅	∅	∅	∅	7	∅	6.0	11.0	∅	∅	∅	∅	6	∅	6.5	12.0	∅	∅	∅	∅	5
104	∅	5.8	8.4	∅	∅	∅	∅	∅	∅	6.5	12.0	∅	∅	∅	∅	8	∅	∅	14.0	∅	∅	∅	∅	6
124	∅	6.0	9.0	∅	∅	∅	∅	8	18.0	5.0	10.0	15.0	∅	∅	B	5	∅	∅	14.5	∅	∅	0.8	∅	7
154	∅	∅	10.5	∅	∅	∅	∅	10	∅	∅	12.5	∅	∅	∅	∅	6	∅	7.5	15.5	∅	∅	∅	∅	9
184	13.0	5.0	10.3	10.0	10.0	∅	∅	8	∅	5.5	∅	∅	∅	∅	∅	7	∅	8.0	16.0	∅	∅	∅	∅	10
224	∅	5.5	∅	∅	∅	∅	∅	9	∅	6.0	13.0	∅	∅	∅	∅	9	∅	9.0	∅	∅	∅	∅	∅	13
274	∅	6.0	11.5	∅	∅	∅	∅	11	∅	6.5	14.5	∅	∅	0.8	∅	11	26.0	7.0	16.5	22.5	15.0	∅	∅	10
334	∅	6.5	12.0	∅	∅	∅	∅	14	∅	7.0	15.0	∅	∅	∅	∅	13	∅	8.0	17.0	∅	∅	∅	∅	12
394	18.0	5.0	12.5	15.0	∅	∅	B	9	∅	7.5	15.5	∅	∅	∅	∅	16	∅	8.5	18.0	∅	∅	∅	∅	14
474	∅	5.3	∅	∅	∅	∅	∅	11	∅	8.0	17.0	∅	∅	∅	∅	19	∅	9.5	18.5	∅	∅	∅	∅	17
564	∅	6.0	13.0	∅	∅	∅	∅	13	26.0	6.5	16.0	22.5	15.0	∅	∅	13	∅	10.0	20.0	∅	∅	∅	∅	21
684	∅	7.0	15.0	∅	∅	0.8	∅	16	∅	7.0	16.5	∅	∅	∅	∅	16	∅	11.5	21.0	∅	∅	∅	∅	25
824	∅	∅	∅	∅	∅	∅	∅	19	∅	8.0	17.5	∅	∅	∅	∅	19	30.0	10.5	20.5	27.5	20.0	∅	∅	23
105	∅	7.4	∅	∅	∅	∅	∅	24	∅	8.5	18.0	∅	∅	∅	∅	24	∅	12.0	21.5	∅	∅	∅	∅	28
125	∅	8.0	16.0	∅	∅	∅	∅	28	∅	9.5	19.0	∅	∅	∅	∅	28	∅	13.0	23.0	∅	∅	∅	∅	34
155	∅	9.0	17.0	∅	∅	∅	∅	35	∅	10.5	20.0	∅	∅	∅	∅	36	∅	14.5	24.5	∅	∅	∅	∅	42
185	26.0	7.5	15.5	22.5	15.0	∅	∅	30	∅	12.5	21.5	∅	∅	∅	∅	41	∅	16.0	26.0	∅	∅	∅	∅	51
225	∅	8.5	17.0	∅	∅	∅	∅	37	∅	13.5	23.0	∅	∅	∅	∅	51	∅	17.5	27.5	∅	∅	∅	∅	62
275	∅	9.5	17.5	∅	∅	∅	∅	45	∅	15.0	24.0	∅	∅	∅	∅	62	∅	∅	∅	∅	∅	∅	∅	∅
335	∅	10.5	19.5	∅	∅	∅	∅	55	∅	16.5	26.0	∅	∅	∅	∅	76	∅	∅	∅	∅	∅	∅	∅	∅
475	∅	12.5	22.0	∅	∅	∅	∅	78	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅

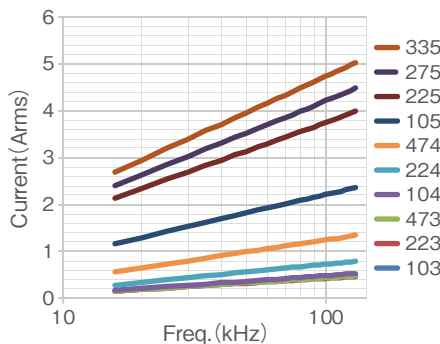
※パルス回数が10,000回を超える場合には別途お問い合わせ願います。
 ※Please contact us in case pulse cycle exceed 10,000 times.

■許容リップル電流 / Permissible current

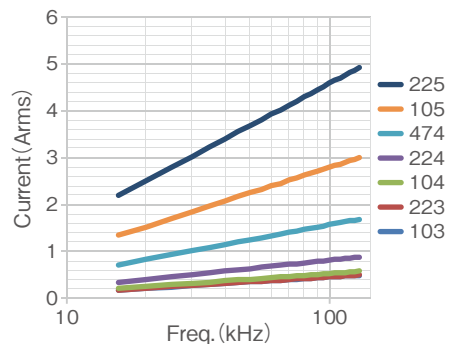
(250VDC)



(400VDC)

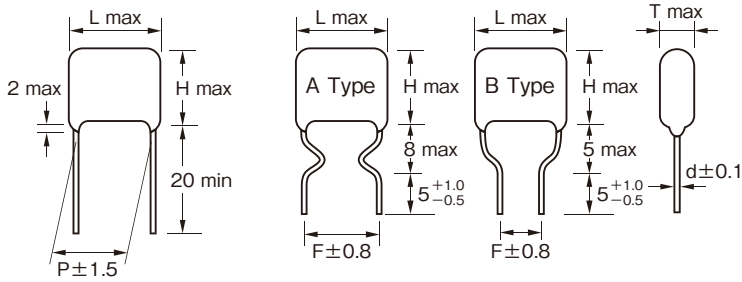


(630VDC)



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■寸法 / Dimensions (mm)

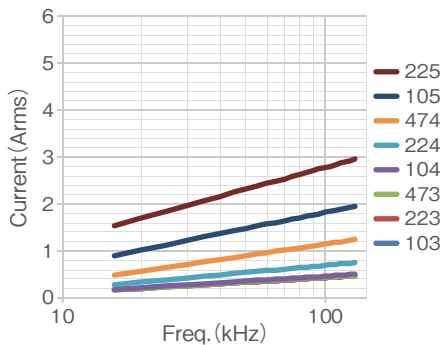


Cap. μF	125VAC								250VAC							
	L	T	H	P	F	d	Type	Pulsecurrent (A _{o-p})	L	T	H	P	F	d	Type	Pulsecurrent (A _{o-p})
103	10.8	4.3	7.4	7.5	7.5	0.6	A	2	14.0	5.5	8.5	10.0	10.0	0.6	A	1
123	∅	4.4	7.5	∅	∅	∅	∅	∅	∅	∅	9.0	∅	∅	∅	∅	∅
153	∅	∅	∅	∅	∅	∅	∅	∅	∅	6.0	∅	∅	∅	∅	∅	2
183	∅	5.0	8.0	∅	∅	∅	∅	3	∅	∅	11.0	∅	∅	∅	∅	∅
223	∅	4.4	7.5	∅	∅	∅	∅	2	∅	6.5	11.5	∅	∅	∅	∅	3
273	∅	4.5	∅	∅	∅	∅	∅	3	∅	∅	12.0	∅	∅	∅	∅	∅
333	∅	∅	∅	∅	∅	∅	∅	∅	∅	7.0	13.0	∅	∅	∅	∅	4
393	∅	∅	∅	∅	∅	∅	∅	4	∅	∅	14.5	∅	∅	∅	∅	∅
473	∅	∅	∅	∅	∅	∅	∅	∅	∅	7.5	∅	∅	∅	∅	∅	5
563	∅	∅	∅	∅	∅	∅	∅	5	19.0	6.5	11.5	15.0	∅	∅	B	3
683	∅	∅	∅	∅	∅	∅	∅	6	∅	7.0	12.0	∅	∅	∅	∅	4
823	∅	5.0	8.0	∅	∅	∅	∅	7	∅	7.5	13.0	∅	∅	∅	∅	5
104	∅	5.8	8.4	∅	∅	∅	∅	∅	∅	∅	15.0	∅	∅	∅	∅	6
124	∅	6.0	9.0	∅	∅	∅	∅	8	∅	∅	15.5	∅	∅	0.8	∅	7
154	∅	∅	10.5	∅	∅	∅	∅	10	∅	8.5	16.5	∅	∅	∅	∅	9
184	13.0	5.0	10.3	10.0	10.0	∅	∅	8	∅	9.0	17.0	∅	∅	∅	∅	10
224	∅	5.5	∅	∅	∅	∅	∅	9	∅	10.0	∅	∅	∅	∅	∅	13
274	∅	6.0	11.5	∅	∅	∅	∅	11	27.0	8.0	17.5	22.5	15.0	∅	∅	9
334	∅	6.5	12.0	∅	∅	∅	∅	14	∅	9.0	18.0	∅	∅	∅	∅	12
394	∅	7.0	12.5	∅	∅	∅	∅	16	∅	9.5	19.0	∅	∅	∅	∅	14
474	∅	7.5	13.0	∅	∅	∅	∅	20	∅	10.5	19.5	∅	∅	∅	∅	16
564	18.0	6.0	∅	15.0	∅	∅	B	13	∅	11.0	21.0	∅	∅	∅	∅	20
684	∅	7.0	15.0	∅	∅	0.8	∅	16	∅	12.5	22.0	∅	∅	∅	∅	24
824	∅	∅	∅	∅	∅	∅	∅	19	31.0	11.5	21.5	27.5	20.0	∅	∅	23
105	∅	7.4	∅	∅	∅	∅	∅	24	∅	13.0	22.5	∅	∅	∅	∅	28
225	31.0	8.5	17.5	27.5	20.0	∅	∅	33	∅	18.5	28.5	∅	∅	∅	∅	62

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■許容リップル電流 / Permissible current

(125VAC)



(250VAC)

