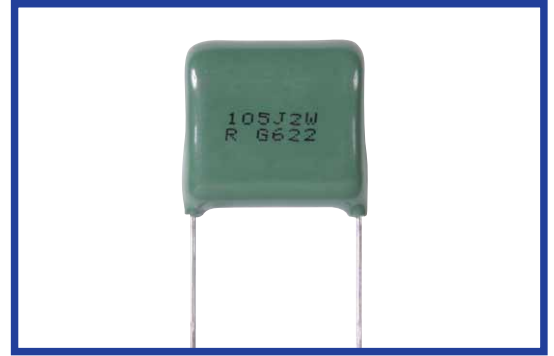


MMG シリーズ  
SERIES

小形化品  
Miniaturized

- ・自己回復性があり、信頼性が高いコンデンサです。  
Reliability is excellent because these capacitors provide self-healing.
- ・外装に難燃性 (UL94 V-0) のエポキシ樹脂を使用していますので、安全性に優れています。  
Coated with flame-retardant (UL94 V-0) epoxy resin.

RoHS  
compliance

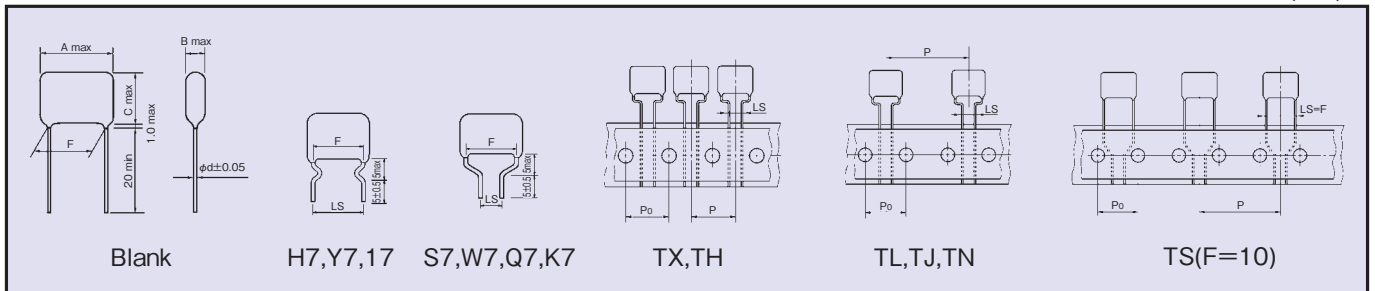


◆規格表 / SPECIFICATIONS

カテゴリ温度範囲 / Category Temperature Range	-40°C ~ +105°C (85°Cを超える範囲では、使用上の注意事項に示す電圧軽減を行ってください。 /Derate the voltage as shown in the "CAUTION FOR PROPER USE OF FILM CAPACITORS" when using the capacitor beyond 85°C.)
定格電圧 / Rated Voltage (U <sub>R</sub> )	250Vdc, 450Vdc, 500Vdc, 630Vdc
静電容量許容差 / Capacitance Tolerance	±10%(K)
誘電正接 / tanδ	0.01max at 1kHz
耐電圧 / Voltage Proof	U <sub>R</sub> × 150% 60s
絶縁抵抗 / Insulation Resistance	C ≤ 0.33μF: 15000MΩmin C > 0.33μF: 5000ΩFmin
準拠規格 / Reference Standard	JIS C 5101-2, JIS C 5101-1

◆寸法図 / DIMENSIONS

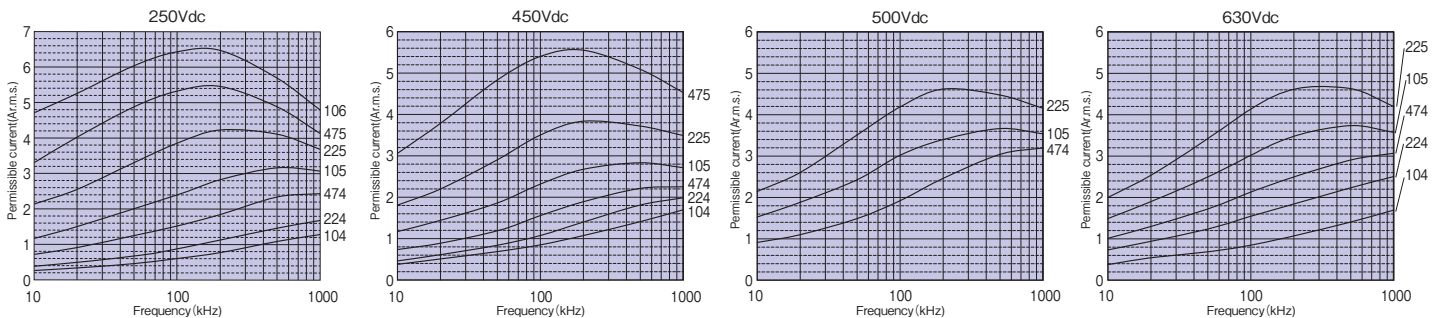
(mm)



◆呼称方法 / PART NUMBER



◆周波数に対する許容電流 / PERMISSIBLE CURRENT FOR FREQUENCY





# メタライズドポリエステルフィルムコンデンサ

## METALLIZED POLYESTER FILM CAPACITORS

MMG

## ◆標準品一覧表 / STANDARD SIZE

□: 静電容量許容差記号 / Capacitance Tolerance

\*\*: リード加工記号 / Lead Forming

定格電圧 Rated Voltage	静電容量 Cap(μF)	寸法 Dimensions (mm)						標準梱包数 / Typical Packaging Quantity (pcs)								品番 Part No.
		A	B	C	F±1.0	LS±0.5	d	ロングリード品 Long Lead type		テーピング(つづら)品 - 形状別 Taping Ammo Pack Type - Style						
								Bag	Carton	TC	TX, TH	TL, TJ	TN	TS		
250 Vdc	0.1	13.0	6.0	12.0	10.0	5.0/7.5/10.0	0.6	200	3,000	-	1,000	500	-	500	250MMG104□F1P**	
	0.12	13.0	6.5	12.5	10.0	5.0/7.5/10.0	0.6	200	3,000	-	500	500	-	500	250MMG124□F1P**	
	0.15	13.0	7.0	13.0	10.0	5.0/7.5/10.0	0.6	200	2,000	-	500	500	-	500	250MMG154□F1P**	
	0.18	13.0	5.0	11.0	10.0	5.0/7.5/10.0	0.6	200	5,000	-	1,000	500	-	500	250MMG184□F1P**	
	0.22	13.0	5.5	11.5	10.0	5.0/7.5/10.0	0.6	200	5,000	-	1,000	500	-	500	250MMG224□F1P**	
	0.27	13.0	6.5	12.0	10.0	5.0/7.5/10.0	0.6	200	4,000	-	500	500	-	500	250MMG274□F1P**	
	0.33	13.0	6.5	13.0	10.0	5.0/7.5/10.0	0.6	200	3,000	-	500	500	-	500	250MMG334□F1P**	
	0.39	13.0	7.0	12.5	10.0	5.0/7.5/10.0	0.6	200	3,000	-	500	500	-	-	250MMG394□**	
	0.47	13.0	7.0	14.5	10.0	5.0/7.5/10.0	0.6	100	2,000	-	500	500	-	-	250MMG474□**	
	0.56	13.0	7.5	15.0	10.0	5.0/7.5/10.0	0.6	100	2,000	-	500	500	-	-	250MMG564□**	
	0.68	13.0	7.5	16.5	10.0	5.0/7.5/10.0	0.6	100	2,000	-	500	500	-	-	250MMG684□**	
	0.82	13.0	8.0	17.5	10.0	5.0/7.5/10.0	0.6	100	2,000	-	500	400	-	-	250MMG824□**	
	1	13.0	9.5	18.0	10.0	5.0/7.5/10.0	0.6	100	1,000	-	500	400	-	-	250MMG105□**	
	1.2	13.0	10.0	19.0	10.0	5.0/7.5/10.0	0.6	200	1,000	-	-	-	-	-	250MMG125□**	
	1.5	13.0	10.5	20.0	10.0	5.0/7.5/10.0	0.6	200	1,000	-	-	-	-	-	250MMG155□**	
	1.8	18.0	9.0	18.5	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	-	-	-	-	-	250MMG185□**	
	2.2	18.0	10.5	20.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	-	-	-	-	-	250MMG225□**	
	2.7	18.0	11.0	21.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	-	-	-	-	-	250MMG275□**	
	3.3	18.0	12.5	22.5	15.0	5.0/7.5/10.0/15.0	0.8	200	800	-	-	-	-	-	250MMG335□**	
	3.9	18.0	13.5	23.5	15.0	5.0/7.5/10.0/15.0	0.8	200	800	-	-	-	-	-	250MMG395□**	
4.7	18.0	15.0	25.5	15.0	5.0/7.5/10.0/15.0	0.8	100	500	-	-	-	-	-	250MMG475□**		
5.6	25.5	12.5	24.0	22.5	15.0/22.5	0.8	100	500	-	-	-	-	-	250MMG565□**		
6.8	25.5	13.5	26.0	22.5	15.0/22.5	0.8	100	500	-	-	-	-	-	250MMG685□**		
8.2	25.5	15.5	27.0	22.5	15.0/22.5	0.8	100	500	-	-	-	-	-	250MMG825□**		
10	25.5	16.5	29.0	22.5	15.0/22.5	0.8	100	500	-	-	-	-	-	250MMG106□**		
450 Vdc	0.1	13.0	7.0	13.0	10.0	5.0/7.5/10.0	0.6	100	2,000	-	500	500	-	500	450MMG104□F1P**	
	0.12	13.0	5.0	10.0	10.0	5.0/7.5/10.0	0.6	200	5,000	-	1,000	500	-	500	450MMG124□**	
	0.15	13.0	5.5	10.0	10.0	5.0/7.5/10.0	0.6	200	5,000	-	1,000	500	-	500	450MMG154□**	
	0.18	13.0	6.5	10.5	10.0	5.0/7.5/10.0	0.6	200	4,000	-	1,000	500	-	500	450MMG184□**	
	0.22	13.0	6.5	12.0	10.0	5.0/7.5/10.0	0.6	200	4,000	-	1,000	500	-	500	450MMG224□**	
	0.27	13.0	6.5	14.0	10.0	5.0/7.5/10.0	0.6	200	4,000	-	1,000	500	-	500	450MMG274□**	
	0.33	13.0	7.5	14.5	10.0	5.0/7.5/10.0	0.6	200	3,000	-	1,000	500	-	500	450MMG334□**	
	0.39	13.0	8.0	15.0	10.0	5.0/7.5/10.0	0.6	100	2,000	-	500	500	-	500	450MMG394□**	
	0.47	13.0	8.5	15.5	10.0	5.0/7.5/10.0	0.6	100	2,000	-	500	500	-	500	450MMG474□**	
	0.56	18.0	7.0	14.0	15.0	5.0/7.5/10.0/15.0	0.6	100	2,000	-	-	500	500	-	450MMG564□**	
	0.68	18.0	7.0	15.5	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	-	-	500	500	-	450MMG684□**	
	0.82	18.0	7.5	16.0	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	-	-	500	400	-	450MMG824□**	
	1	18.0	8.5	17.0	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	-	-	500	400	-	450MMG105□**	
	1.2	18.0	8.5	19.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	-	-	400	400	-	450MMG125□**	
	1.5	25.5	8.0	17.0	22.5	15.0/22.5	0.8	200	1,000	-	-	-	-	-	450MMG155□**	
	1.8	25.5	8.5	18.0	22.5	15.0/22.5	0.8	200	1,000	-	-	-	-	-	450MMG185□**	
	2.2	25.5	10.0	19.5	22.5	15.0/22.5	0.8	200	800	-	-	-	-	-	450MMG225□**	
	2.7	25.5	10.5	21.5	22.5	15.0/22.5	0.8	200	800	-	-	-	-	-	450MMG275□**	
	3.3	25.5	11.5	22.5	22.5	15.0/22.5	0.8	100	500	-	-	-	-	-	450MMG335□**	
	3.9	25.5	12.5	23.5	22.5	15.0/22.5	0.8	100	500	-	-	-	-	-	450MMG395□**	
4.7	25.5	14.5	25.5	22.5	15.0/22.5	0.8	100	500	-	-	-	-	-	450MMG475□**		



# メタライズドポリエステルフィルムコンデンサ

## METALLIZED POLYESTER FILM CAPACITORS

MMG

### ◆標準品一覧表 / STANDARD SIZE

□:静電容量許容差記号 / Capacitance Tolerance

\*\*:リード加工記号 / Lead Forming

定格電圧 Rated Voltage	静電容量 Cap(μF)	寸法 Dimensions (mm)						標準梱包数 / Typical Packaging Quantity (pcs)								品番 Part No.
		A	B	C	F±1.0	LS±0.5	d	ロングリード品 Long Lead type		テーピング(つづら)品 - 形状別 Taping Ammo Pack Type - Style						
								Bag	Carton	TC	TX, TH	TL, TJ	TN	TS		
500 Vdc	0.47	13.0	10.0	18.0	10.0	5.0/7.5/10.0	0.6	200	1,000	-	500	300	-	300	500MMG474□**	
	0.56	18.0	8.5	16.5	15.0	5.0/7.5/10.0/15.0	0.6	200	1,000	-	-	400	300	-	500MMG564□**	
	0.68	18.0	9.5	17.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	-	-	400	300	-	500MMG684□**	
	0.82	18.0	10.0	18.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	-	-	300	300	-	500MMG824□**	
	1	18.0	11.0	19.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	-	-	300	200	-	500MMG105□**	
	1.2	18.0	13.0	19.5	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	-	-	-	-	-	500MMG125□**	
	1.5	25.5	11.0	19.0	22.5	15.0/22.5	0.8	200	800	-	-	-	-	-	500MMG155□**	
	1.8	25.5	12.0	20.0	22.5	15.0/22.5	0.8	100	800	-	-	-	-	-	500MMG185□**	
2.2	25.5	14.0	20.5	22.5	15.0/22.5	0.8	100	500	-	-	-	-	-	500MMG225□**		
630 Vdc	0.01	この範囲はMMBシリーズ(630Vdc)をご使用下さい。 The item of this range, please select out of MMB(630Vdc) series.														
	0.012															
	0.015															
	0.018															
	0.022															
	0.027															
	0.033															
	0.039															
	0.047															
	0.056															13.0
	0.068	13.0	6.5	11.5	10.0	5.0/7.5/10.0	0.6	200	3,000	-	500	500	-	500	630MMG683□**	
	0.082	13.0	7.0	12.0	10.0	5.0/7.5/10.0	0.6	100	3,000	-	500	500	-	500	630MMG823□**	
	0.1	13.0	7.0	13.5	10.0	5.0/7.5/10.0	0.6	100	2,000	-	500	500	-	500	630MMG104□**	
	0.12	13.0	7.5	14.0	10.0	5.0/7.5/10.0	0.6	100	2,000	-	500	400	-	400	630MMG124□**	
	0.15	13.0	8.0	14.5	10.0	5.0/7.5/10.0	0.6	100	2,000	-	500	400	-	400	630MMG154□**	
	0.18	13.0	9.0	15.0	10.0	5.0/7.5/10.0	0.6	100	2,000	-	500	400	-	400	630MMG184□**	
	0.22	13.0	10.5	16.5	10.0	5.0/7.5/10.0	0.6	100	1,000	-	500	400	-	400	630MMG224□**	
	0.27	18.0	8.5	14.5	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	-	-	400	300	-	630MMG274□**	
	0.33	18.0	9.0	15.0	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	-	-	400	300	-	630MMG334□**	
	0.39	18.0	8.5	17.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	-	-	400	300	-	630MMG394□**	
	0.47	18.0	10.0	18.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	-	-	300	300	-	630MMG474□**	
	0.56	18.0	10.0	19.5	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	-	-	300	300	-	630MMG564□**	
0.68	18.0	11.0	20.5	15.0	5.0/7.5/10.0/15.0	0.8	200	800	-	-	300	200	-	630MMG684□**		
0.82	25.5	9.0	19.5	22.5	15.0/22.5	0.8	200	800	-	-	-	-	-	630MMG824□**		
1	25.5	10.5	21.0	22.5	15.0/22.5	0.8	200	800	-	-	-	-	-	630MMG105□**		
1.2	25.5	11.0	21.5	22.5	15.0/22.5	0.8	100	500	-	-	-	-	-	630MMG125□**		
1.5	25.5	12.5	22.5	22.5	15.0/22.5	0.8	100	500	-	-	-	-	-	630MMG155□**		
1.8	25.5	14.0	24.0	22.5	15.0/22.5	0.8	100	500	-	-	-	-	-	630MMG185□**		
2.2	25.5	15.5	26.0	22.5	15.0/22.5	0.8	100	500	-	-	-	-	-	630MMG225□**		