

MPE series

生産終了予定品
Not recommended for new design

高電圧品 High Voltage

- ・特殊電極構造によりコロナ放電特性をアップしたシリーズです。
Up the corona discharge characteristics by special electrode construction.
- ・照明用電子バラストなどの高周波・高電圧回路に最適です。
- ・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



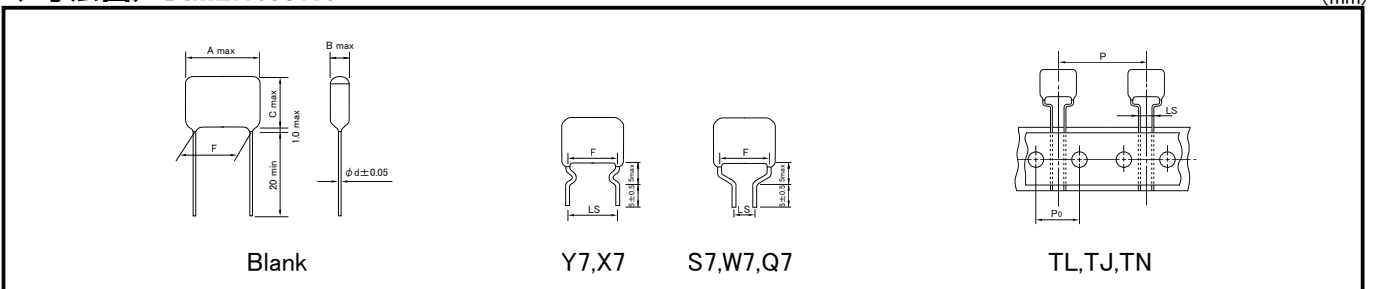
◆規格表／SPECIFICATION

項目 Item	特性 Characteristics
カテゴリ温度範囲 Category Temperature Range	-40~+105°C
定格電圧範囲 Rated Voltage Range(U_R)	800Vdc/250Vac, 1250Vdc/400Vac, 1600Vdc/700Vac
静電容量許容差 Capacitance Tolerance	±5%(J)
誘電正接 tan δ	0.001max at 1kHz
耐電圧 Voltage Proof	$U_R \times 150\%$ 60s
絶縁抵抗 Insulation Resistance	30000M Ω min
準拠規格 Reference Standard	JIS C 5101-17, JIS C 5101-1

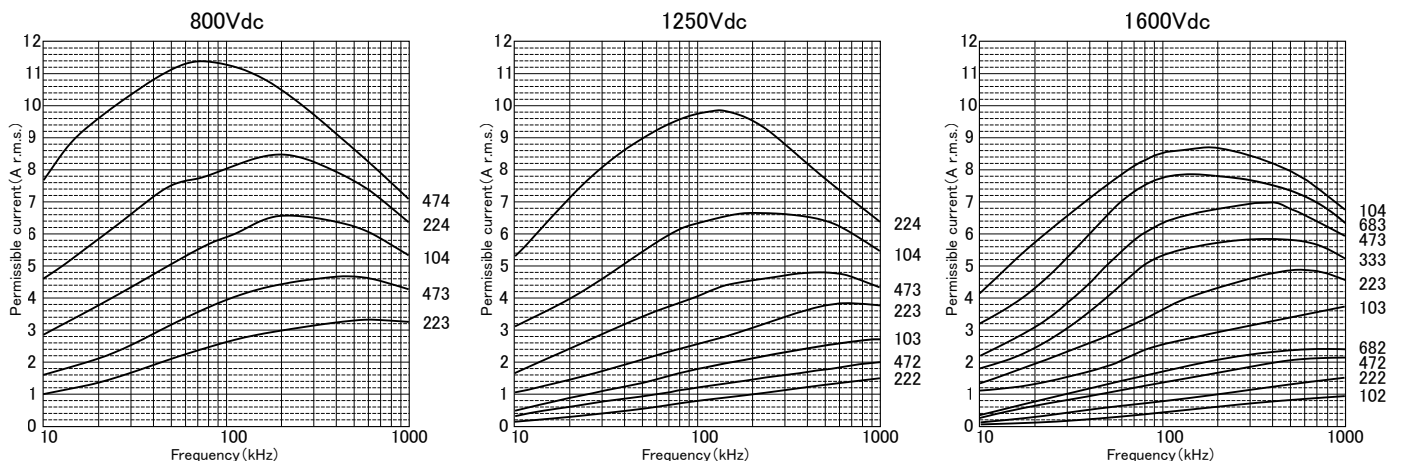
◆呼称方法／PART NUMBER

□□□	MPE	□□□	J	□□□	□□	P□□□□
定格電圧 Rated Voltage	シリーズ名 Series	静電容量 Capacitance	静電容量許容差 Capacitance Tolerance	副記号 Option	リード加工記号 Lead Forming	特殊記号 Special number

◆寸法図／DIMENSIONS



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



◆標準品一覧表／STANDARD SIZE

**：リード加工記号/Lead Forming

定格電圧 Rated Voltage	静電容量 Capacitance (μF)	寸法 Dimensions (mm)						標準梱包数/Typical Packaging Quantity (pcs)							品番 Part No
								ロングリード Long Lead	テーピング(つづら)品 - 形状別 Taping Ammo Pack Type - Style						
		A	B	C	F±1.0	LS±0.5	d	Carton	TC	TX, TH	TL, TJ	TN	TS		
800Vdc ／ 250Vac	0.001	この範囲はMPEシリーズ(1600Vdc)をご使用ください The item of this range, please select out of MPE(1600Vdc) series.													
	0.0012														
	0.0015														
	0.0018														
	0.0022														
	0.0027	この範囲はMPEシリーズ(1250Vdc)をご使用ください The item of this range, please select out of MPE(1250Vdc) series.													
	0.0033														
	0.0039														
	0.0047														
	0.0056														
	0.0068														
	0.0082														
	0.01														
	0.012														
	0.015														
	0.018														
	0.022	18.0	7.5	13.0	15.0	5.0/7.5/10.0/15.0	0.8	2,000	-	-	400	400	-	800MPE223J**	
	0.027	18.0	8.0	13.5	15.0	5.0/7.5/10.0/15.0	0.8	2,000	-	-	400	300	-	800MPE273J**	
	0.033	18.0	9.0	14.0	15.0	5.0/7.5/10.0/15.0	0.8	1,000	-	-	400	300	-	800MPE333J**	
	0.039	18.0	9.5	15.0	15.0	5.0/7.5/10.0/15.0	0.8	1,000	-	-	300	300	-	800MPE393J**	
	0.047	18.0	9.5	16.5	15.0	5.0/7.5/10.0/15.0	0.8	1,000	-	-	300	300	-	800MPE473J**	
	0.056	18.0	10.5	17.5	15.0	5.0/7.5/10.0/15.0	0.8	1,000	-	-	-	-	-	800MPE563J**	
	0.068	18.0	11.5	18.5	15.0	5.0/7.5/10.0/15.0	0.8	1,000	-	-	-	-	-	800MPE683J**	
	0.082	18.0	12.0	20.5	15.0	5.0/7.5/10.0/15.0	0.8	800	-	-	-	-	-	800MPE823J**	
	0.1	18.5	13.5	22.0	15.0	5.0/7.5/10.0/15.0	1.0	800	-	-	-	-	-	800MPE104J**	
	0.12	18.5	15.0	23.5	15.0	5.0/7.5/10.0/15.0	1.0	500	-	-	-	-	-	800MPE124J**	
	0.15	18.5	16.5	25.5	15.0	5.0/7.5/10.0/15.0	1.0	500	-	-	-	-	-	800MPE154J**	
	0.18	18.5	18.5	27.5	15.0	5.0/7.5/10.0/15.0	1.0	500	-	-	-	-	-	800MPE184J**	
	0.22	18.5	20.5	29.5	15.0	5.0/7.5/10.0/15.0	1.0	500	-	-	-	-	-	800MPE224J**	
	0.27	18.5	22.5	31.5	15.0	5.0/7.5/10.0/15.0	1.0	300	-	-	-	-	-	800MPE274J**	
	0.33	23.5	21.5	30.0	20.0	20.0	1.0	300	-	-	-	-	-	800MPE334J**	
	0.39	23.5	23.0	32.0	20.0	20.0	1.2	200	-	-	-	-	-	800MPE394J**	
	0.47	23.5	25.0	34.0	20.0	20.0	1.2	200	-	-	-	-	-	800MPE474J**	
	0.56	23.5	27.5	36.5	20.0	20.0	1.2	200	-	-	-	-	-	800MPE564J**	
1250Vdc ／ 400Vac	0.001	この範囲はMPEシリーズ(1600Vdc)をご使用ください The item of this range, please select out of MPE(1600Vdc) series.													
	0.0012														
	0.0015														
	0.0018														
	0.0022														
	0.0027	18.0	5.5	11.0	15.0	5.0/7.5/10.0/15.0	0.6	3,000	-	-	500	500	-	121MPE272J**P0520	
	0.0033	18.0	5.5	11.5	15.0	5.0/7.5/10.0/15.0	0.6	3,000	-	-	500	500	-	121MPE332J**P0520	
	0.0039	18.0	6.0	11.5	15.0	5.0/7.5/10.0/15.0	0.6	2,000	-	-	500	500	-	121MPE392J**P0520	
	0.0047	18.0	6.5	12.0	15.0	5.0/7.5/10.0/15.0	0.6	2,000	-	-	500	400	-	121MPE472J**P0520	
	0.0056	18.0	7.0	12.5	15.0	5.0/7.5/10.0/15.0	0.6	2,000	-	-	500	400	-	121MPE562J**P0520	
	0.0068	18.0	7.5	13.0	15.0	5.0/7.5/10.0/15.0	0.6	2,000	-	-	400	400	-	121MPE682J**P0520	
	0.0082	18.0	6.0	11.0	15.0	5.0/7.5/10.0/15.0	0.6	2,000	-	-	400	300	-	121MPE822J**P0520	
	0.01	18.0	7.0	12.5	15.0	5.0/7.5/10.0/15.0	0.6	1,000	-	-	400	300	-	121MPE103J**P0520	
	0.012	18.0	7.0	12.5	15.0	5.0/7.5/10.0/15.0	0.6	2,000	-	-	500	400	-	121MPE123J**P0520	
	0.015	18.0	7.5	13.0	15.0	5.0/7.5/10.0/15.0	0.6	2,000	-	-	400	400	-	121MPE153J**P0520	
	0.018	18.0	8.0	13.5	15.0	5.0/7.5/10.0/15.0	0.6	2,000	-	-	400	300	-	121MPE183J**P0520	
	0.022	18.0	8.0	15.5	15.0	5.0/7.5/10.0/15.0	0.8	1,000	-	-	400	300	-	121MPE223J**	
	0.027	18.0	9.0	16.0	15.0	5.0/7.5/10.0/15.0	0.8	1,000	-	-	400	300	-	121MPE273J**	
	0.033	18.0	9.5	18.0	15.0	5.0/7.5/10.0/15.0	0.8	1,000	-	-	-	-	-	121MPE333J**	
	0.039	18.0	10.0	18.5	15.0	5.0/7.5/10.0/15.0	0.8	1,000	-	-	-	-	-	121MPE393J**	
	0.047	18.5	11.5	20.0	15.0	5.0/7.5/10.0/15.0	0.8	1,000	-	-	-	-	-	121MPE473J**	
	0.056	18.5	12.0	20.5	15.0	5.0/7.5/10.0/15.0	0.8	800	-	-	-	-	-	121MPE563J**	
	0.068	18.5	13.0	21.5	15.0	5.0/7.5/10.0/15.0	1.0	800	-	-	-	-	-	121MPE683J**	
	0.082	18.5	14.5	23.0	15.0	5.0/7.5/10.0/15.0	1.0	500	-	-	-	-	-	121MPE823J**	
	0.1	18.5	16.0	25.0	15.0	5.0/7.5/10.0/15.0	1.0	500	-	-	-	-	-	121MPE104J**	
	0.12	18.5	17.0	27.5	15.0	5.0/7.5/10.0/15.0	1.0	500	-	-	-	-	-	121MPE124J**	
	0.15	18.5	20.0	29.0	15.0	5.0/7.5/10.0/15.0	1.0	500	-	-	-	-	-	121MPE154J**	
	0.18	18.5	22.0	31.0	15.0	5.0/7.5/10.0/15.0	1.0	400	-	-	-	-	-	121MPE184J**	
	0.22	23.5	20.5	30.0	20.0	20.0	1.0	300	-	-	-	-	-	121MPE224J**	
	0.27	23.5	23.0	32.0	20.0	20.0	1.2	200	-	-	-	-	-	121MPE274J**	
	0.33	23.5	25.5	34.5	20.0	20.0	1.2	200	-	-	-	-	-	121MPE334J**	

・上記以外の容量はお問い合わせください。
For details, please consult our sales offices.

◆標準品一覧表／STANDARD SIZE

**：リード加工記号/Lead Forming

定格電圧 Rated Voltage	静電容量 Capacitance (μ F)	寸法 Dimensions (mm)						標準梱包数/Typical Packaging Quantity (pcs)							品番 Part No
								ロングリード Long Lead	テーピング(つづら)品 - 形状別 Taping Ammo Pack Type - Style						
		A	B	C	F $\pm$ 1.0	LS $\pm$ 0.5	d	Carton	TC	TX, TH	TL, TJ	TN	TS		
1600Vdc ／ 700Vac	0.001	18.0	6.0	9.0	15.0	5.0/7.5/10.0/15.0	0.6	4000	-	-	500	500	-	161MPE102J**P0520	
	0.0012	18.0	6.0	9.0	15.0	5.0/7.5/10.0/15.0	0.6	4000	-	-	500	500	-	161MPE122J**P0520	
	0.0015	18.0	6.0	9.0	15.0	5.0/7.5/10.0/15.0	0.6	3000	-	-	500	500	-	161MPE152J**P0520	
	0.0018	18.0	6.0	10.5	15.0	5.0/7.5/10.0/15.0	0.6	2000	-	-	500	500	-	161MPE182J**P0520	
	0.0022	18.0	6.0	12.5	15.0	5.0/7.5/10.0/15.0	0.6	2000	-	-	500	500	-	161MPE222J**P0520	
	0.0027	18.0	6.0	13.0	15.0	5.0/7.5/10.0/15.0	0.6	2000	-	-	500	500	-	161MPE272J**P0520	
	0.0033	18.0	6.0	14.5	15.0	5.0/7.5/10.0/15.0	0.6	2000	-	-	500	500	-	161MPE332J**P0520	
	0.0039	18.0	7.5	14.5	15.0	5.0/7.5/10.0/15.0	0.6	1000	-	-	400	400	-	161MPE392J**P0520	
	0.0047	18.0	7.5	15.5	15.0	5.0/7.5/10.0/15.0	0.6	1000	-	-	400	400	-	161MPE472J**P0520	
	0.0056	18.0	8.5	17.0	15.0	5.0/7.5/10.0/15.0	0.8	1000	-	-	400	300	-	161MPE562J**	
	0.0068	18.0	8.5	17.0	15.0	5.0/7.5/10.0/15.0	0.8	1000	-	-	400	300	-	161MPE682J**	
	0.0082	18.0	8.5	17.5	15.0	5.0/7.5/10.0/15.0	0.8	1000	-	-	400	300	-	161MPE822J**	
	0.01	18.0	10.0	18.5	15.0	5.0/7.5/10.0/15.0	0.8	1000	-	-	300	300	-	161MPE103J**	
	0.012	18.0	11.5	20.0	15.0	5.0/7.5/10.0/15.0	0.8	1000	-	-	-	-	-	161MPE123J**	
	0.015	18.5	12.0	22.5	15.0	5.0/7.5/10.0/15.0	0.8	800	-	-	-	-	-	161MPE153J**	
	0.018	18.5	13.5	24.0	15.0	5.0/7.5/10.0/15.0	0.8	500	-	-	-	-	-	161MPE183J**	
	0.022	18.5	15.5	25.5	15.0	5.0/7.5/10.0/15.0	0.8	500	-	-	-	-	-	161MPE223J**	
	0.027	18.5	17.0	27.0	15.0	5.0/7.5/10.0/15.0	0.8	500	-	-	-	-	-	161MPE273J**	
	0.033	18.5	19.0	28.5	15.0	5.0/7.5/10.0/15.0	0.8	500	-	-	-	-	-	161MPE333J**	
	0.039	18.5	21.0	30.0	15.0	5.0/7.5/10.0/15.0	1.0	500	-	-	-	-	-	161MPE393J**	
	0.047	18.5	23.0	32.0	15.0	5.0/7.5/10.0/15.0	1.0	500	-	-	-	-	-	161MPE473J**	
	0.056	23.5	21.5	30.0	20.0	20.0	1.0	300	-	-	-	-	-	161MPE563J**	
	0.068	23.5	23.5	32.5	20.0	20.0	1.2	300	-	-	-	-	-	161MPE683J**	
	0.082	23.5	25.5	34.5	20.0	20.0	1.2	200	-	-	-	-	-	161MPE823J**	
	0.1	23.5	28.5	37.5	20.0	20.0	1.2	200	-	-	-	-	-	161MPE104J**	

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