

MPB series

生産終了予定品
Not recommended for new design

標準品 Standard

- インバータなどの高周波・大電流回路に最適です。
For applications where high frequency and high current are required. Standard (TV, display monitor, power supply, lighting Inverter, etc)
- 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



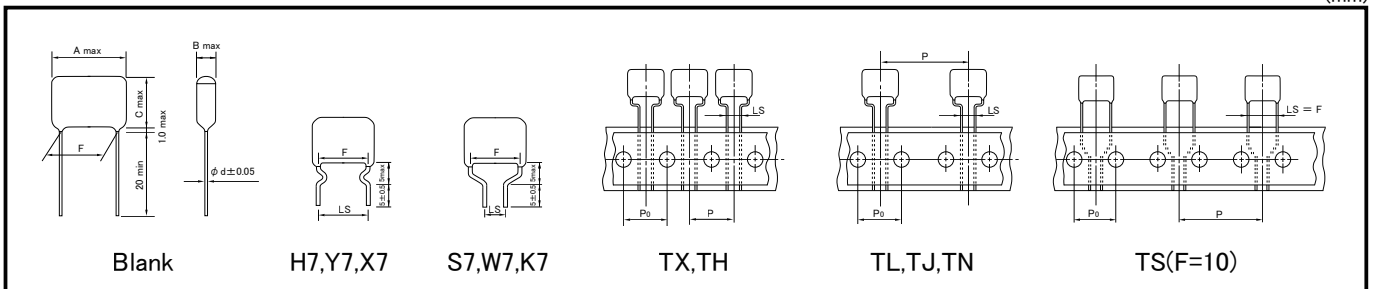
◆規格表／SPECIFICATION

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)	250Vdc, 450Vdc, 630Vdc
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 × 150% 60s
絶縁抵抗 Insulation Resistance	C ≤ 0.33 μF: 25000M Ω min C > 0.33 μF: 7500 Ω Fmin
準拠規格 Reference Standard	JIS C 5101-16, JIS C 5101-1

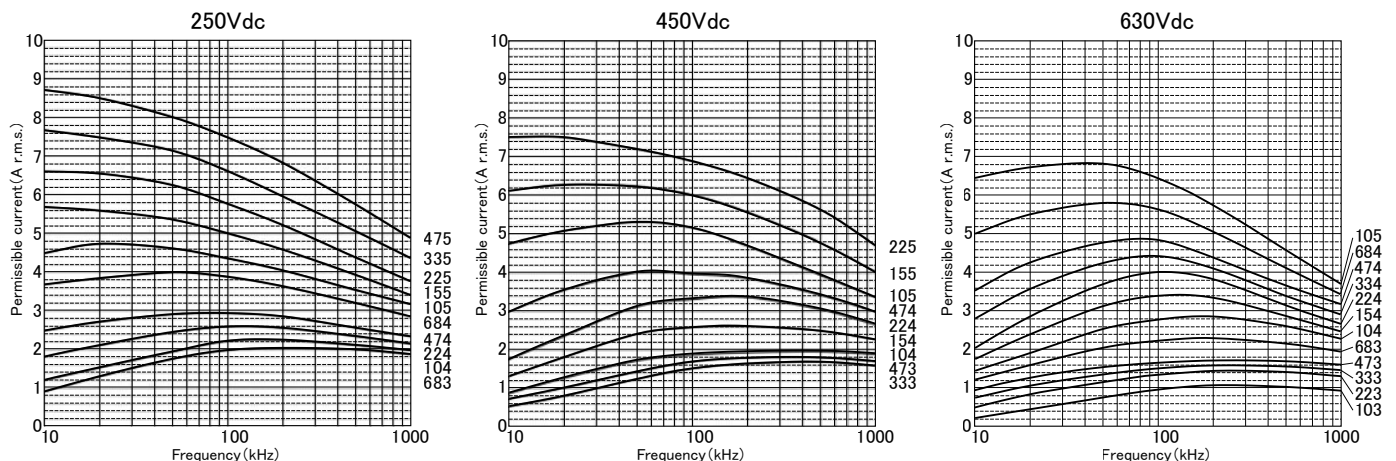
◆呼称方法／PART NUMBER

□□□	MPB	□□□	J	□□□	□□
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

◆寸法図／DIMENSIONS



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



定格電圧 Rated Voltage (Vdc)	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		
250	0.01~0.027	この範囲はMPBシリーズ(630Vdc)をご使用ください The item of this range, please select out of MPB(630Vdc) series.													
	0.033~0.056	この範囲はMPBシリーズ(450Vdc)をご使用ください The item of this range, please select out of MPB(450Vdc) series.													
	0.068	13.0	6.5	11.0	10.0	5.0/7.5/10.0	0.6	4000	—	500	400	—	400	250MPB683J**	
	0.082	13.0	6.5	11.5	10.0	5.0/7.5/10.0	0.6	3000	—	500	400	—	400	250MPB823J**	
	0.1	13.0	6.5	11.0	10.0	5.0/7.5/10.0	0.6	4000	—	500	400	—	400	250MPB104J**	
	0.12	13.0	6.5	11.5	10.0	5.0/7.5/10.0	0.6	3000	—	500	400	—	400	250MPB124J**	
	0.15	13.0	7.0	12.0	10.0	5.0/7.5/10.0	0.6	3000	—	500	400	—	400	250MPB154J**	
	0.18	13.0	6.0	11.5	10.0	5.0/7.5/10.0	0.6	3000	—	500	400	—	400	250MPB184J**	
	0.22	13.0	6.5	13.0	10.0	5.0/7.5/10.0	0.6	3000	—	500	400	—	400	250MPB224J**	
	0.27	13.0	6.5	13.5	10.0	5.0/7.5/10.0	0.6	3000	—	500	400	—	400	250MPB274J**	
	0.33	13.0	8.0	14.0	10.0	5.0/7.5/10.0	0.6	2000	—	500	400	—	400	250MPB334J**	
	0.39	18.0	6.0	14.0	15.0	5.0/7.5/10.0/15.0	0.6	2000	—	—	400	400	—	250MPB394J**	
	0.47	18.0	6.0	14.5	15.0	5.0/7.5/10.0/15.0	0.6	2000	—	—	400	400	—	250MPB474J**	
	0.56	18.0	7.0	15.0	15.0	5.0/7.5/10.0/15.0	0.6	2000	—	—	400	400	—	250MPB564J**	
	0.68	18.0	7.5	16.0	15.0	5.0/7.5/10.0/15.0	0.8	1500	—	—	400	400	—	250MPB684J**	
	0.82	18.0	8.0	16.5	15.0	5.0/7.5/10.0/15.0	0.8	1500	—	—	400	300	—	250MPB824J**	
	1	18.0	9.0	17.5	15.0	5.0/7.5/10.0/15.0	0.8	1000	—	—	400	300	—	250MPB105J**	
	1.2	18.0	10.0	18.0	15.0	5.0/7.5/10.0/15.0	0.8	1000	—	—	400	300	—	250MPB125J**	
	1.5	23.0	8.5	18.5	20.0	20.0	0.8	1000	—	—	—	—	—	250MPB155J**	
1.8	23.0	9.5	19.5	20.0	20.0	0.8	800	—	—	—	—	—	250MPB185J**		
2.2	23.0	10.5	20.5	20.0	20.0	0.8	800	—	—	—	—	—	250MPB225J**		
2.7	23.0	12.0	22.0	20.0	20.0	0.8	500	—	—	—	—	—	250MPB275J**		
3.3	23.0	13.0	23.5	20.0	20.0	1.0	500	—	—	—	—	—	250MPB335J**		
3.9	23.0	14.5	24.5	20.0	20.0	1.0	500	—	—	—	—	—	250MPB395J**		
4.7	23.5	16.0	26.0	20.0	20.0	1.0	400	—	—	—	—	—	250MPB475J**		
450	0.01~0.027	この範囲はMPBシリーズ(630Vdc)をご使用ください The item of this range, please select out of MPB(630Vdc) series.													
	0.033	13.0	5.5	10.5	10.0	5.0/7.5/10.0	0.6	4000	—	500	400	—	400	450MPB333J**	
	0.039	13.0	5.5	11.0	10.0	5.0/7.5/10.0	0.6	4000	—	500	400	—	400	450MPB393J**	
	0.047	13.0	6.0	11.5	10.0	5.0/7.5/10.0	0.6	3000	—	500	400	—	400	450MPB473J**	
	0.056	13.0	6.5	12.0	10.0	5.0/7.5/10.0	0.6	3000	—	500	400	—	400	450MPB563J**	
	0.068	13.5	7.5	13.0	10.0	5.0/7.5/10.0	0.6	3000	—	500	400	—	400	450MPB683J**	
	0.082	13.5	7.5	13.0	10.0	5.0/7.5/10.0	0.6	2000	—	500	400	—	400	450MPB823J**	
	0.1	18.0	6.5	10.0	15.0	5.0/7.5/10.0/15.0	0.8	2000	—	—	500	400	—	450MPB104J**	
	0.12	18.0	7.0	10.5	15.0	5.0/7.5/10.0/15.0	0.8	2000	—	—	500	400	—	450MPB124J**	
	0.15	18.0	7.0	12.0	15.0	5.0/7.5/10.0/15.0	0.8	2000	—	—	500	400	—	450MPB154J**	
	0.18	18.0	7.0	13.5	15.0	5.0/7.5/10.0/15.0	0.8	2000	—	—	500	400	—	450MPB184J**	
	0.22	18.0	7.5	14.0	15.0	5.0/7.5/10.0/15.0	0.8	1000	—	—	400	400	—	450MPB224J**	
	0.27	18.0	8.5	14.5	15.0	5.0/7.5/10.0/15.0	0.8	1000	—	—	400	300	—	450MPB274J**	
	0.33	18.0	8.5	16.5	15.0	5.0/7.5/10.0/15.0	0.8	1000	—	—	400	300	—	450MPB334J**	
	0.39	18.0	9.0	17.0	15.0	5.0/7.5/10.0/15.0	0.8	1000	—	—	400	300	—	450MPB394J**	
	0.47	18.0	9.5	18.0	15.0	5.0/7.5/10.0/15.0	0.8	1000	—	—	300	300	—	450MPB474J**	
	0.56	23.0	9.0	17.0	20.0	20.0	0.8	1000	—	—	—	—	—	450MPB564J**	
	0.68	23.0	9.5	19.5	20.0	20.0	0.8	800	—	—	—	—	—	450MPB684J**	
	0.82	23.0	10.5	20.0	20.0	20.0	0.8	800	—	—	—	—	—	450MPB824J**	
1	23.0	11.0	21.0	20.0	20.0	0.8	500	—	—	—	—	—	450MPB105J**		
1.2	23.0	12.5	22.5	20.0	20.0	1.0	500	—	—	—	—	—	450MPB125J**		
1.5	23.0	13.0	24.0	20.0	20.0	1.0	500	—	—	—	—	—	450MPB155J**		
1.8	23.0	15.5	25.5	20.0	20.0	1.0	500	—	—	—	—	—	450MPB185J**		
2.2	23.0	16.5	27.0	20.0	20.0	1.0	400	—	—	—	—	—	450MPB225J**		
630	0.01	13.0	6.0	9.5	10.0	5.0/7.5/10.0	0.6	4000	—	1000	500	—	500	630MPB103J**	
	0.012	13.0	6.5	10.0	10.0	5.0/7.5/10.0	0.6	4000	—	500	500	—	500	630MPB123J**	
	0.015	13.0	7.0	10.5	10.0	5.0/7.5/10.0	0.6	3000	—	500	500	—	500	630MPB153J**	
	0.018	13.0	7.5	11.0	10.0	5.0/7.5/10.0	0.6	3000	—	500	500	—	500	630MPB183J**	
	0.022	13.0	6.5	10.0	10.0	5.0/7.5/10.0	0.6	4000	—	500	500	—	500	630MPB223J**	
	0.027	13.0	6.5	11.0	10.0	5.0/7.5/10.0	0.6	3000	—	500	500	—	500	630MPB273J**	
	0.033	13.0	7.0	11.5	10.0	5.0/7.5/10.0	0.8	3000	—	500	500	—	500	630MPB333J**	
	0.039	13.0	7.5	12.5	10.0	5.0/7.5/10.0	0.8	2000	—	500	400	—	400	630MPB393J**	
	0.047	18.0	6.5	11.5	15.0	5.0/7.5/10.0/15.0	0.8	2000	—	—	500	400	—	630MPB473J**	
	0.056	18.0	7.0	11.5	15.0	5.0/7.5/10.0/15.0	0.8	2000	—	—	500	400	—	630MPB563J**	
	0.068	18.0	7.5	12.0	15.0	5.0/7.5/10.0/15.0	0.8	2000	—	—	400	400	—	630MPB683J**	
	0.082	18.0	8.0	12.5	15.0	5.0/7.5/10.0/15.0	0.8	2000	—	—	400	300	—	630MPB823J**	
	0.1	18.0	8.5	13.5	15.0	5.0/7.5/10.0/15.0	0.8	1000	—	—	400	300	—	630MPB104J**	
	0.12	18.0	9.0	14.0	15.0	5.0/7.5/10.0/15.0	0.8	1000	—	—	400	300	—	630MPB124J**	
	0.15	18.0	9.5	15.0	15.0	5.0/7.5/10.0/15.0	0.8	1000	—	—	300	300	—	630MPB154J**	
	0.18	18.0	10.0	16.5	15.0	5.0/7.5/10.0/15.0	0.8	1000	—	—	300	300	—	630MPB184J**	
	0.22	18.0	11.0	17.5	15.0	5.0/7.5/10.0/15.0	0.8	1000	—	—	300	200	—	630MPB224J**	
	0.27	23.0	10.5	16.5	20.0	20.0	0.8	800	—	—	—	—	—	630MPB274J**	
	0.33	23.0	10.5	18.5	20.0	20.0	0.8	800	—	—	—	—	—	630MPB334J**	
	0.39	23.0	11.5	19.5	20.0	20.0	0.8	800	—	—	—	—	—	630MPB394J**	
	0.47	23.0	12.0	21.5	20.0	20.0	0.8	500	—	—	—	—	—	630MPB474J**	
	0.56	23.0	13.0	22.5	20.0	20.0	1.0	500	—	—	—	—	—	630MPB564J**	
	0.68	23.0	14.5	24.5	20.0	20.0	1.0	500	—	—	—	—	—	630MPB684J**	
	0.82	23.0	16.0	26.0	20.0	20.0	1.0	500	—	—	—	—	—	630MPB824J**	
	1	23.0	17.5	28.0	20.0	20.0	1.0	500	—	—	—	—	—	630MPB105J**	