

MPB SERIES

Standard

◆FEATURES

- (TV, display monitor, power supply, lighting Inverter, etc)
- Coated with flame-retardant (UL94 V-0) epoxy resin.
- RoHS compliance.

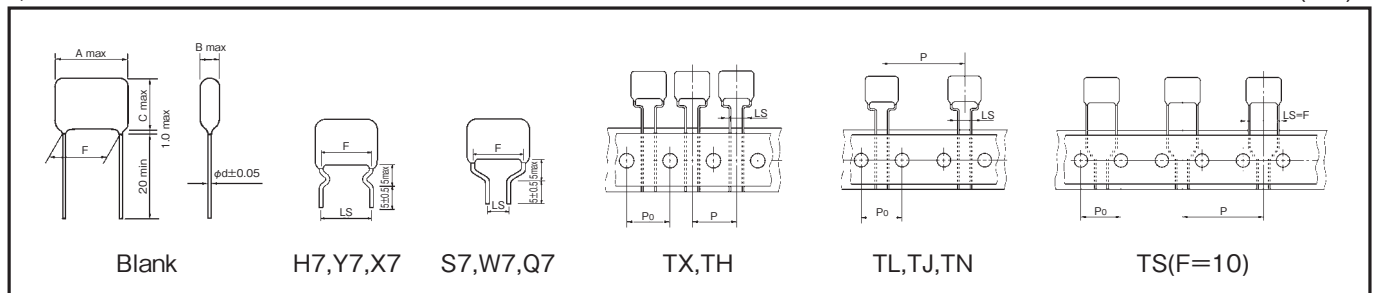


◆SPECIFICATIONS

Category Temperature Range	-40~+105°C
Rated Voltage (U _R)	250Vdc, 450Vdc, 630Vdc
Capacitance Tolerance	±3%(H), ±5%(J), ±10%(K)
tanδ	0.001max at 1kHz
Voltage Proof	U _R ×150% 60s
Insulation Resistance	C≤0.33μF: 25000MΩmin C>0.33μF: 7500ΩFmin
Reference Standard	JIS C 5101-16, JIS C 5101-1

◆OUTLINE

(mm)

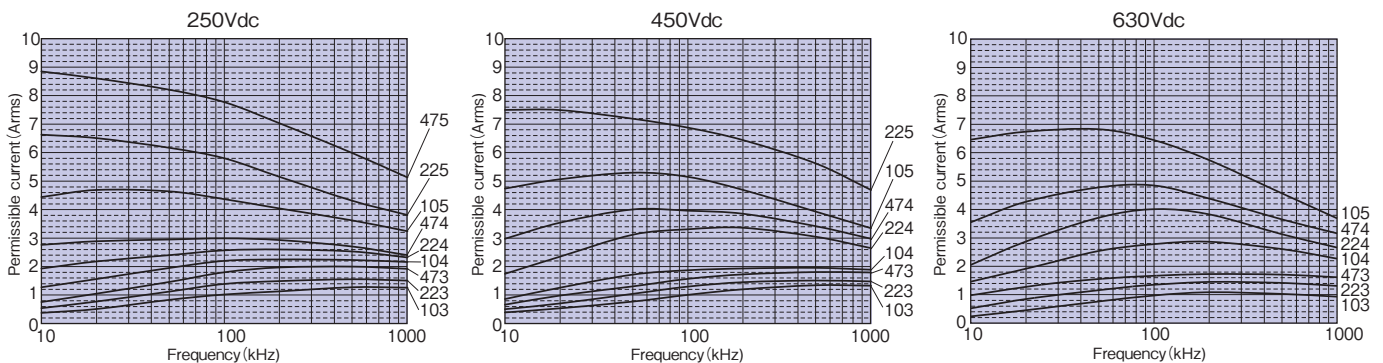


◆PART NUMBER

MPB

Rated Voltage Series Capacitance Capacitance Tolerance Option Lead Forming

◆PERMISSIBLE CURRENT FOR FREQUENCY



◆STANDARD SIZE

□ : Capacitance Tolerance

** : Lead Forming

Rated Voltage	Cap(μF)	Dimensions (mm)						Typical Packaging Quantity (pcs)							Part No.
								Long Lead type		Taping Ammo Ppack Type - Style					
		A	B	C	F±1.0	LS±0.5	d	Bag	Carton	TC	TX, TH	TL, TJ	TN	TS	
250 Vdc	0.01	13.0	6.0	9.5	10.0	5.0/7.5/10.0	0.6	200	4,000	—	500	400	—	400	250MPB103□**
	0.012	13.0	7.0	10.0	10.0	5.0/7.5/10.0	0.6	200	4,000	—	500	400	—	400	250MPB123□**
	0.015	13.0	7.0	10.5	10.0	5.0/7.5/10.0	0.6	200	3,000	—	500	400	—	400	250MPB153□**
	0.018	13.0	7.5	11.0	10.0	5.0/7.5/10.0	0.6	100	3,000	—	500	400	—	400	250MPB183□**
	0.022	13.0	8.5	11.5	10.0	5.0/7.5/10.0	0.6	100	3,000	—	500	400	—	400	250MPB223□**
	0.027	13.0	8.0	13.0	10.0	5.0/7.5/10.0	0.6	100	2,000	—	500	400	—	400	250MPB273□**
	0.033	13.0	5.5	10.5	10.0	5.0/7.5/10.0	0.6	200	4,000	—	500	400	—	400	250MPB333□**
	0.039	13.0	5.5	11.0	10.0	5.0/7.5/10.0	0.6	200	4,000	—	500	400	—	400	250MPB393□**
	0.047	13.0	6.0	11.5	10.0	5.0/7.5/10.0	0.6	200	3,000	—	500	400	—	400	250MPB473□**
	0.056	13.0	7.0	12.0	10.0	5.0/7.5/10.0	0.6	100	3,000	—	500	400	—	400	250MPB563□**
	0.068	13.0	6.5	11.0	10.0	5.0/7.5/10.0	0.6	200	4,000	—	500	400	—	400	250MPB683□**
	0.082	13.0	6.5	11.5	10.0	5.0/7.5/10.0	0.6	200	3,000	—	500	400	—	400	250MPB823□**
	0.1	13.0	6.5	11.0	10.0	5.0/7.5/10.0	0.6	200	4,000	—	500	400	—	400	250MPB104□**
	0.12	13.0	6.5	11.5	10.0	5.0/7.5/10.0	0.6	200	3,000	—	500	400	—	400	250MPB124□**
	0.15	13.0	7.0	12.0	10.0	5.0/7.5/10.0	0.6	100	3,000	—	500	400	—	400	250MPB154□**
	0.18	13.0	6.0	11.5	10.0	5.0/7.5/10.0	0.6	200	3,000	—	500	400	—	400	250MPB184□**
	0.22	13.0	6.5	13.0	10.0	5.0/7.5/10.0	0.6	100	3,000	—	500	400	—	400	250MPB224□**
	0.27	13.0	6.5	13.5	10.0	5.0/7.5/10.0	0.6	100	3,000	—	500	400	—	400	250MPB274□**
	0.33	13.0	8.0	14.0	10.0	5.0/7.5/10.0	0.6	100	2,000	—	500	400	—	400	250MPB334□**
	0.39	18.0	6.0	14.0	15.0	5.0/7.5/10.0/15.0	0.6	100	2,000	—	—	400	400	—	250MPB394□**
	0.47	18.0	6.0	14.5	15.0	5.0/7.5/10.0/15.0	0.6	100	2,000	—	—	400	400	—	250MPB474□**
	0.56	18.0	7.0	15.0	15.0	5.0/7.5/10.0/15.0	0.6	100	2,000	—	—	400	400	—	250MPB564□**
	0.68	18.0	7.5	16.0	15.0	5.0/7.5/10.0/15.0	0.8	100	1,500	—	—	400	400	—	250MPB684□**
	0.82	18.0	8.0	16.5	15.0	5.0/7.5/10.0/15.0	0.8	100	1,500	—	—	400	300	—	250MPB824□**
	1	18.0	9.0	17.5	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	400	300	—	250MPB105□**
	1.2	18.0	10.0	18.0	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	400	300	—	250MPB125□**
	1.5	23.0	8.5	18.5	20.0	20.0	0.8	200	1,000	—	—	—	—	—	250MPB155□**
	1.8	23.0	9.5	19.5	20.0	20.0	0.8	200	800	—	—	—	—	—	250MPB185□**
	2.2	23.0	10.5	20.5	20.0	20.0	0.8	200	800	—	—	—	—	—	250MPB225□**
	2.7	23.0	12.0	22.0	20.0	20.0	0.8	100	500	—	—	—	—	—	250MPB275□**
	3.3	23.0	13.0	23.5	20.0	20.0	1.0	100	500	—	—	—	—	—	250MPB335□**
	3.9	23.0	14.5	24.5	20.0	20.0	1.0	100	500	—	—	—	—	—	250MPB395□**
	4.7	23.5	16.0	26.0	20.0	20.0	1.0	100	400	—	—	—	—	—	250MPB475□**
450 Vdc	0.01	13.0	6.0	9.5	10.0	5.0/7.5/10.0	0.6	200	4,000	—	500	400	—	400	450MPB103□**
	0.012	13.0	6.5	10.0	10.0	5.0/7.5/10.0	0.6	200	4,000	—	500	400	—	400	450MPB123□**
	0.015	13.0	7.0	10.5	10.0	5.0/7.5/10.0	0.6	200	3,000	—	500	400	—	400	450MPB153□**
	0.018	13.0	7.5	11.0	10.0	5.0/7.5/10.0	0.6	100	3,000	—	500	400	—	400	450MPB183□**
	0.022	13.0	8.0	11.5	10.0	5.0/7.5/10.0	0.6	100	3,000	—	500	400	—	400	450MPB223□**
	0.027	13.0	8.0	13.0	10.0	5.0/7.5/10.0	0.6	100	2,000	—	500	400	—	400	450MPB273□**
	0.033	13.0	5.5	10.5	10.0	5.0/7.5/10.0	0.6	200	4,000	—	500	400	—	400	450MPB333□**
	0.039	13.0	5.5	11.0	10.0	5.0/7.5/10.0	0.6	200	4,000	—	500	400	—	400	450MPB393□**
	0.047	13.0	6.0	11.5	10.0	5.0/7.5/10.0	0.6	200	3,000	—	500	400	—	400	450MPB473□**
	0.056	13.0	6.5	12.0	10.0	5.0/7.5/10.0	0.6	100	3,000	—	500	400	—	400	450MPB563□**
	0.068	13.5	7.5	13.0	10.0	5.0/7.5/10.0	0.6	100	3,000	—	500	400	—	400	450MPB683□**
	0.082	13.5	7.5	13.0	10.0	5.0/7.5/10.0	0.6	100	2,000	—	500	400	—	400	450MPB823□**
	0.1	18.0	6.5	10.0	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	500	400	—	450MPB104□**
	0.12	18.0	7.0	10.5	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	500	400	—	450MPB124□**
	0.15	18.0	7.0	12.0	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	500	400	—	450MPB154□**
	0.18	18.0	7.0	13.5	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	500	400	—	450MPB184□**
	0.22	18.0	7.5	14.0	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	400	400	—	450MPB224□**
	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	—	450MPB274□**
	0.33	18.0	8.5	16.5	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	400	300	—	450MPB334□**
	0.39	18.0	9.0	17.0	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	400	300	—	450MPB394□**
	0.47	18.0	9.5	18.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	—	—	300	300	—	450MPB474□**
	0.56	23.0	9.0	17.0	20.0	20.0	0.8	200	1,000	—	—	—	—	—	450MPB564□**
	0.68	23.0	9.5	19.5	20.0	20.0	0.8	200	800	—	—	—	—	—	450MPB684□**
	0.82	23.0	10.5	20.0	20.0	20.0	0.8	200	800	—	—	—	—	—	450MPB824□**
	1	23.0	11.0	21.0	20.0	20.0	0.8	100	500	—	—	—	—	—	450MPB105□**
	1.2	23.0	12.5	22.5	20.0	20.0	1.0	100	500	—	—	—	—	—	450MPB125□**
	1.5	23.0	13.0	24.0	20.0	20.0	1.0	100	500	—	—	—	—	—	450MPB155□**
	1.8	23.0	15.5	25.5	20.0	20.0	1.0	100	500	—	—	—	—	—	450MPB185□**
	2.2	23.0	16.5	27.0	20.0	20.0	1.0	100	400	—	—	—	—	—	450MPB225□**
630 Vdc	0.01	13.0	6.0	9.5	10.0	5.0/7.5/10.0	0.6	200	4,000	—	1,000	500	—	500	630MPB103□**
	0.012	13.0	6.5	10.0	10.0	5.0/7.5/10.0	0.6	200	4,000	—	500	500	—	500	630MPB123□**
	0.015	13.0	7.0	10.5	10.0	5.0/7.5/10.0	0.6	200	3,000	—	500	500	—	500	630MPB153□**
	0.018	13.0	7.5	11.0	10.0	5.0/7.5/10.0	0.6	200	3,000	—	500	500	—	500	630MPB183□**
	0.022	13.0	6.5	10.0	10.0	5.0/7.5/10.0	0.6	200	4,000	—	500	500	—	500	630MPB223□**
	0.027	13.0	6.5	11.0	10.0	5.0/7.5/10.0	0.6	200	3,000	—	500	500	—	500	630MPB273□**
	0.033	13.0	7.0	11.5	10.0	5.0/7.5/10.0	0.8	100	3,000	—	500	500	—	500	630MPB333□**
	0.039	13.0	7.5	12.5	10.0	5.0/7.5/10.0	0.8	100	2,000	—	500	400	—	400	630MPB393□**
	0.047	18.0	6.5	11.5	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	500	400	—	630MPB473□**
	0.056	18.0	7.0	11.5	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	500	400	—	630MPB563□**
	0.068	18.0	7.5	12.0	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	400	400	—	630MPB683□**
	0.082	18.0	8.0	12.5	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	400	300	—	630MPB823□**
	0.1	18.0	8.5	13.5	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	400	300	—	630MPB104□**
	0.12	18.0	9.0	14.0	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	400	300	—	630MPB124□**
	0.15	18.0	9.5	15.0	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	300	300	—	630MPB154□**
	0.18	18.0	10.0	16.5	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	300	300	—	630MPB184□**
	0.22	18.0	11.0	17.5	15.0	5.0/7.5/10.0/15.0	0.8	200							