



MPB SERIES

◆ FEATURES

- Smaller version of MPS series.
- For applications where high frequency, high current are required.
(TV, display monitor, power supply, lighting Inverter, etc)
- Coated with flame-retardant (UL94 V-0) epoxy resin.
- RoHS compliance.

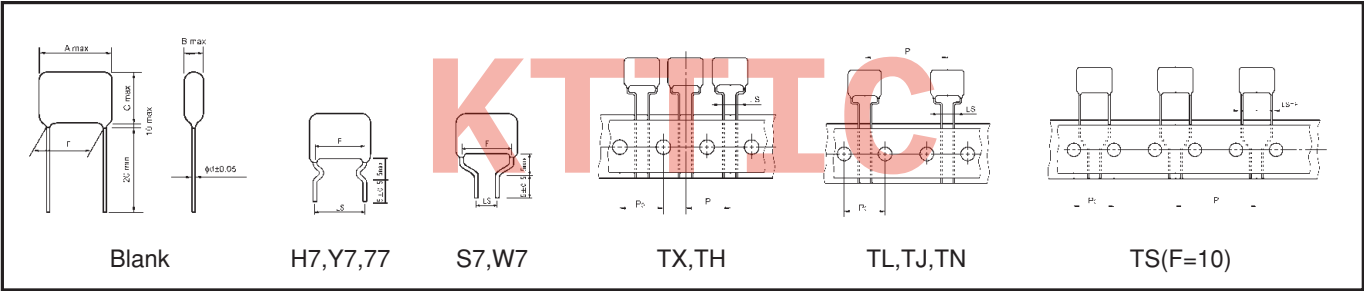


◆ SPECIFICATIONS

Category temperature	-40 ~ +105°C
Rated voltage (U _R)	450VDC, 630VDC
Capacitance tolerance	±3%(H), ±5%(J), ±10%(K)
tanδ	0.001max at 1kHz
Voltage proof	U _R ×150% 60s
Insulation resistance	0.33μF ≤ :25000MΩmin 0.33μF < : 7500ΩFmin
Reference standard	JIS C 5101-16, JIS C 5101-1

◆ OUTLINE

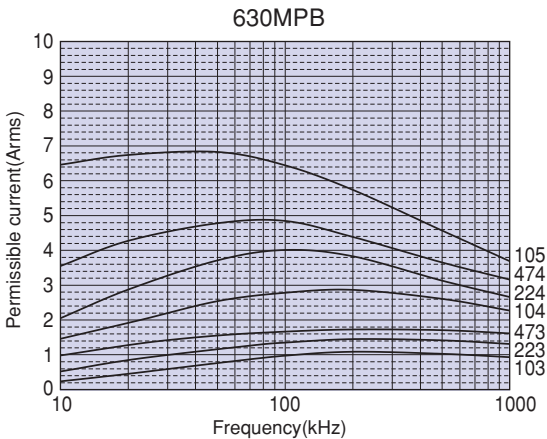
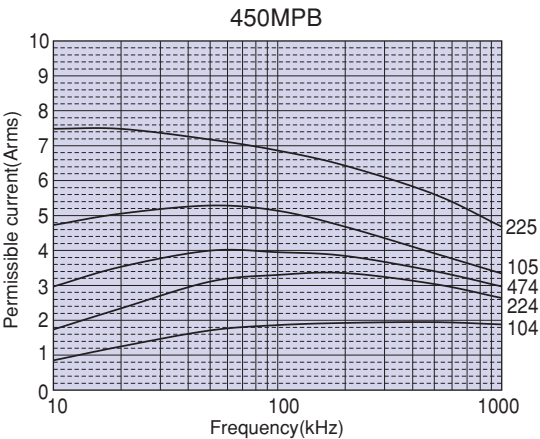
(mm)



◆ PART NUMBER



◆ PERMISSIBLE CURRENT FOR FREQUENCY



◆ STANDARD SIZE □ : Tolerance ** : Suffix

RATED VOLTAGE	cap(μF)	Dimensions (mm)						Typical Packaging Quantity (pcs)							Part No.
								Long Lead type		Taping Ammo pack type - style					
		A	B	C	F±1.0	LS±0.5	d	Bag	Carton	TC	TX, TH	TL, TJ	TN	TS	
450 VDC	0.1	18.0	6.5	10.0	15.0	5.0/7.5/15.0	0.8	100	2,000	—	—	500	400	—	450MPB104□**
	0.12	18.0	7.0	10.5	15.0	5.0/7.5/15.0	0.8	100	2,000	—	—	500	400	—	450MPB124□**
	0.15	18.0	7.0	12.0	15.0	5.0/7.5/15.0	0.8	100	2,000	—	—	500	400	—	450MPB154□**
	0.18	18.0	7.0	13.5	15.0	5.0/7.5/15.0	0.8	100	2,000	—	—	500	400	—	450MPB184□**
	0.22	18.0	7.5	14.0	15.0	5.0/7.5/15.0	0.8	100	1,000	—	—	400	400	—	450MPB224□**
	0.27	18.0	8.5	14.5	15.0	5.0/7.5/15.0	0.8	100	1,000	—	—	400	300	—	450MPB274□**
	0.33	18.0	8.5	16.5	15.0	5.0/7.5/15.0	0.8	100	1,000	—	—	400	300	—	450MPB334□**
	0.39	18.0	9.0	17.0	15.0	5.0/7.5/15.0	0.8	100	1,000	—	—	400	300	—	450MPB394□**
	0.47	18.0	9.5	18.0	15.0	5.0/7.5/15.0	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	5.0/7.5/15.0	0.8	100	2,000	—	—	500	400	—	630MPB473□**
	0.056	18.0	7.0	11.5	15.0	5.0/7.5/15.0	0.8	100	2,000	—	—	500	400	—	630MPB563□**
	0.068	18.0	7.5	12.0	15.0	5.0/7.5/15.0	0.8	100	2,000	—	—	400	400	—	630MPB683□**
	0.082	18.0	8.0	12.5	15.0	5.0/7.5/15.0	0.8	100	2,000	—	—	400	300	—	630MPB823□**
	0.1	18.0	8.5	13.5	15.0	5.0/7.5/15.0	0.8	100	1,000	—	—	400	300	—	630MPB104□**
	0.12	18.0	9.0	14.0	15.0	5.0/7.5/15.0	0.8	100	1,000	—	—	400	300	—	630MPB124□**
	0.15	18.0	9.5	15.0	15.0	5.0/7.5/15.0	0.8	100	1,000	—	—	300	300	—	630MPB154□**
	0.18	18.0	10.0	16.5	15.0	5.0/7.5/15.0	0.8	100	1,000	—	—	300	300	—	630MPB184□**
	0.22	18.0	11.0	17.5	15.0	5.0/7.5/15.0	0.8	200	1,000	—	—	300	200	—	630MPB224□**
	0.27	23.0	10.5	16.5	20.0	20.0	0.8	200	800	—	—	—	—	—	630MPB274□**
	0.33	23.0	10.5	18.5	20.0	20.0	0.8	200	800	—	—	—	—	—	630MPB334□**
	0.39	23.0	11.5	19.5	20.0	20.0	0.8	200	800	—	—	—	—	—	630MPB394□**
	0.47	23.0	12.0	21.5	20.0	20.0	0.8	100	500	—	—	—	—	—	630MPB474□**
	0.56	23.0	13.0	22.5	20.0	20.0	1.0	100	500	—	—	—	—	—	630MPB564□**
	0.68	23.0	14.5	24.5	20.0	20.0	1.0	100	500	—	—	—	—	—	630MPB684□**
	0.82	23.0	16.0	26.0	20.0	20.0	1.0	100	500	—	—	—	—	—	630MPB824□**
	1	23.0	17.5	28.0	20.0	20.0	1.0	100	500	—	—	—	—	—	630MPB105□**