



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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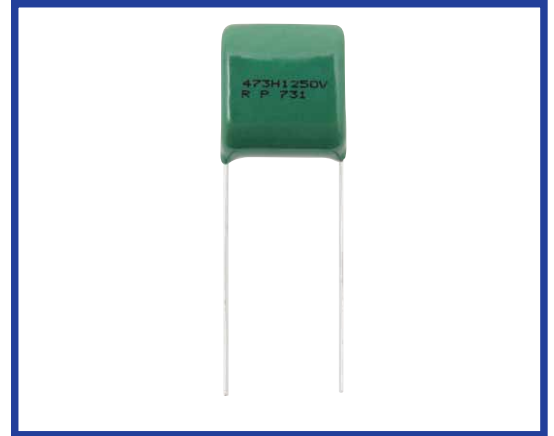
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



MPE SERIES
High Voltage

- Up the corona discharge characteristics by special electrode construction.
- For applications where high frequency and high voltage are like electronic ballast, etc.
- Coated with flame-retardant (UL94 V-0) epoxy resin.

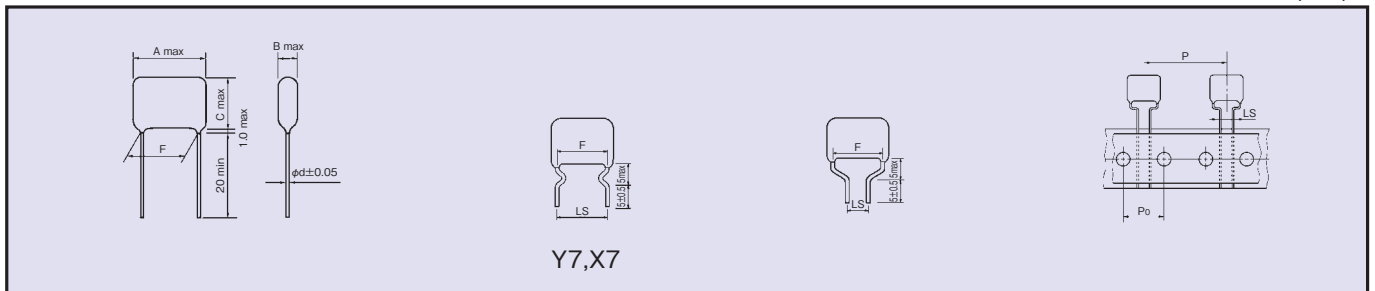
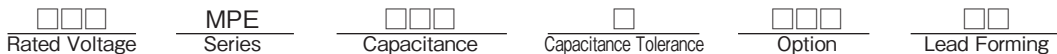
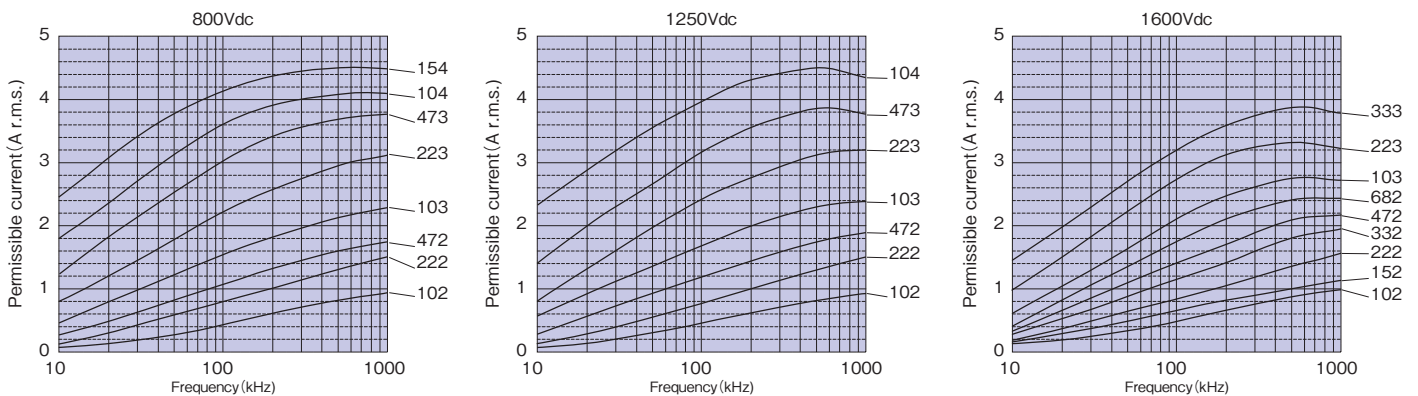
RoHS compliance


SPECIFICATIONS

Category Temperature Range	-40~+105°C
Rated Voltage (U _R)	800Vdc/250Vac, 1250Vdc/400Vac, 1600Vdc/700Vac
Capacitance Tolerance	±3%(H), ±5%(J)
tanδ	0.001max at 1kHz
Voltage Proof	U _R ×150% 60s
Insulation Resistance	30,000MΩmin
Reference Standard	JIS C 5101-17, JIS C 5101-1

DIMENSIONS

(mm)


PART NUMBER

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 Pack Type - Style						
		A	B	C	F±1.0	LS±0.5	d	Bag	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	0.8	200	4,000	—	—	500	500	—	161MPE102□**	
	0.0012	18.0	6.0	9.0	15.0	5.0/7.5/10.0/15.0	0.8	200	4,000	—	—	500	500	—	161MPE122□**	
	0.0015	18.0	6.0	9.0	15.0	5.0/7.5/10.0/15.0	0.8	200	3,000	—	—	500	500	—	161MPE152□**	
	0.0018	18.0	6.0	10.5	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	500	500	—	161MPE182□**	
	0.0022	18.0	6.0	12.5	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	500	500	—	161MPE222□**	
	0.0027	18.0	6.0	13.0	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	500	500	—	161MPE272□**	
	0.0033	18.0	6.0	14.5	15.0	5.0/7.5/10.0/15.0	0.8	100	2,000	—	—	500	500	—	161MPE332□**	
	0.0039	18.0	7.5	14.5	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	400	400	—	161MPE392□**	
	0.0047	18.0	7.5	15.5	15.0	5.0/7.5/10.0/15.0	0.8	100	1,000	—	—	400	400	—	161MPE472□**	
	0.0056	18.0	8.5	17.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	—	—	400	300	—	161MPE562□**	
	0.0068	18.0	8.5	17.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	—	—	400	300	—	161MPE682□**	
	0.0082	18.0	8.5	17.5	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	—	—	400	300	—	161MPE822□**	
	0.01	18.0	10.0	18.5	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	—	—	300	300	—	161MPE103□**	
	0.012	18.0	11.5	20.0	15.0	5.0/7.5/10.0/15.0	0.8	200	1,000	—	—	—	—	—	161MPE123□**	
	0.015	18.5	12.0	22.5	15.0	5.0/7.5/10.0/15.0	1.0	200	800	—	—	—	—	—	161MPE153□**	
	0.018	18.5	13.5	24.0	15.0	5.0/7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	161MPE183□**	
	0.022	18.5	15.5	25.5	15.0	5.0/7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	161MPE223□**	
	0.027	18.5	17.0	27.0	15.0	5.0/7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	161MPE273□**	
	0.033	18.5	19.0	28.5	15.0	5.0/7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	161MPE333□**	
	0.039	18.5	21.0	30.0	15.0	5.0/7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	161MPE393□**	
0.047	18.5	23.0	32.0	15.0	5.0/7.5/10.0/15.0	1.0	100	500	—	—	—	—	—	161MPE473□**		
0.056	23.5	21.5	30.0	20.0	20.0	1.0	100	300	—	—	—	—	—	161MPE563□**		
0.068	23.5	23.5	32.5	20.0	20.0	1.2	50	300	—	—	—	—	—	161MPE683□**		
0.082	23.5	25.5	34.5	20.0	20.0	1.2	50	200	—	—	—	—	—	161MPE823□**		
0.1	23.5	28.5	37.5	20.0	20.0	1.2	50	200	—	—	—	—	—	161MPE104□**		

*For details, please consult our sales offices.