



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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EIA Class 2 Temperature/ Frequency Stable Ceramic Capacitors



Highlights

- Provides exceptional stability where minimum variation in capacitance is required
- Conformally Coated
- Radial Leads

Specifications

Capacitance Range: 100 pF to 10,000 pF
Voltage Range: 500 and 1,000 VDC
Tolerance: 10%
Operating Temperature Range: -30 °C to +85 °C
Lead Length: 1 inch minimum
Insulation Resistance: 10,000 megohms (min)
Power Factor @ 1000 Hz: 1.5% Max
Breakdown Voltage: 2.5 x rated(5 seconds Max)

Ratings

Part Number	Capacity pF	Tol	Temp Coef	Size (inches)				Size (Millimeters)				Part Number	Capacity pF	Tol	Temp Coef	Size (inches)				Size (Millimeters)			
				D	T	S	d	D	T	S	d					D	T	S	d	D	T	S	d
500 WVDC												1000 WVDC											
SM151K**	150	10%	Y5E	.236	.157	.252	.025	6.0	4.0	6.4	0.65	SP101K*	100	10%	Y5E	.238	.236	.252	.025	6.0	6.0	6.4	0.65
SM221K**	220	10%	Y5E	.236	.157	.252	.025	6.0	4.0	6.4	0.65	SP181K*	180	10%	Y5E	.238	.236	.252	.025	6.0	6.0	6.4	0.65
SM391K**	390	10%	Y5E	.236	.157	.252	.025	6.0	4.0	6.4	0.65	SP221K**	220	10%	Y5E	.238	.236	.252	.025	6.0	6.0	6.4	0.65
SM471K**	470	10%	Y5E	.236	.157	.252	.025	6.0	4.0	6.4	0.65	SP271K**	270	10%	Y5E	.238	.236	.252	.025	6.0	6.0	6.4	0.65
SM561K**	560	10%	Y5E	.236	.157	.252	.025	6.0	4.0	6.4	0.65	SP331K*	330	10%	Y5E	.238	.236	.252	.025	6.0	6.0	6.4	0.65
SM681K**	680	10%	Y5E	.236	.157	.252	.025	6.0	4.0	6.4	0.65	SP471K*	470	10%	Y5E	.238	.236	.252	.025	6.0	6.0	6.4	0.65
SM102K**	1,000	10%	Y5E	.339	.157	.252	.025	8.6	4.0	6.4	0.65	SP561K**	560	10%	Y5E	.291	.236	.252	.025	7.4	6.0	6.4	0.65
SM222K**	2,200	10%	Y5E	.433	.157	.252	.025	11.0	4.0	6.4	0.65	SP681K**	680	10%	Y5E	.291	.236	.252	.025	7.4	6.0	6.4	0.65
SM472K**	4,700	10%	Y5E	.571	.157	.374	.025	14.5	4.0	9.5	0.65	SP102K*	1,000	10%	Y5E	.374	.236	.252	.025	9.5	6.0	6.4	0.65
SM682K**	6,800	10%	Y5E	.748	.157	.374	.025	19.0	4.0	9.5	0.65	SP152K**	1,500	10%	Y5E	.433	.236	.252	.025	11.0	6.0	6.4	0.65
SM103K**	10,000	10%	Y5E	.748	.157	.374	.025	19.0	4.0	9.5	0.65	SP182K**	1,800	10%	Y5E	.433	.236	.252	.025	11.0	6.0	6.4	0.65
												SP222K**	2,200	10%	Y5E	.492	.236	.252	.025	12.5	6.0	6.4	0.65
												SP272K**	2,700	10%	Y5E	.590	.236	.374	.025	15.0	6.0	9.5	0.65
												SP392K**	3,900	10%	Y5E	.641	.236	.374	.025	16.3	6.0	9.5	0.65
												SP472K**	4,700	10%	Y5E	.641	.236	.374	.025	16.3	6.0	9.5	0.65

* AVAILABLE ONLY UNTIL STOCK IS DEPLETED

** PART NUMBER IS OBSOLETE