

EIA Class 2 Temperature/ Frequency Stable Ceramic Capacitors

High Voltage Highlights and Specifications



- Highly Efficient for Bypass and Coupling Applications
- Designed Around EIA Test
- Spec. RS-165ARadial Leads

Capacitance Range: 100 pF to 10,000 pF
Voltage Range: 2,000 and 3,000 WVDC
Tolerance: 10%. 20%

Operating Temperature Range: -30 °C to +85 °C

Lead Length: 1 inch minimum

Insulation Resistance: 10,000 megohms (min)

Power Factor @ 1000 Hz: 2.5% 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
2000 WVDC												3000 WVDC											
HS102M	1,000	20%	Y5U**	.394	.236	.252	.032	10.0	6.0	6.4	0.8	HT471K	470	10%	Y5P	.394	.236	.374	.032	10.0	6.0	9.5	0.8
HS152M***	1,500	20%	Y5U**	.394	.236	.252	.032	10.0	6.0	6.4	0.8	HT561K***	560	10%	Y5P	.394	.236	.374	.032	10.0	6.0	9.5	0.8
HS222M***	2,200	20%	Y5U**	.433	.236	.252	.032	11.0	6.0	6.4	0.8	HT681K***	680	10%	Y5P	.433	.236	.374	.032	11.0	6.0	9.5	0.8
HS332M***	3,300	20%	Y5U**	.590	.236	.374	.032	15.0	6.0	9.5	0.8	HT821K***	820	10%	Y5P	.433	.236	.374	.032	11.0	6.0	9.5	0.8
HS472M***	4,700	20%	Y5U**	.590	.236	.374	.032	15.0	6.0	9.5	0.8	HT102M	1,000	20%	Y5U**	.394	.236	.374	.032	10.0	6.0	9.5	0.8
HS103M	10,000	20%	Y5U**	.787	.236	.374	.032	20.0	6.0	9.5	0.8	HT152M***	1,500	20%	Y5U**	.433	.236	.374	.032	11.0	6.0	9.5	0.8
3000 WVDC																							
HT271K***	270	10%	Y5P	.394	.236	.374	.032	10.0	6.0	9.5	0.8	HT182M***	1,800	20%	Y5U**	.433	.236	.374	.032	11.0	6.0	9.5	0.8
HT331K***	330	10%	Y5P	.394	.236	.374	.032	10.0	6.0	9.5	0.8	HT222M	2,200	20%	Y5U**	.590	.236	.374	.032	15.0	6.0	9.5	0.8
												HT472M***	4,700	20%	Y5U**	.787	.236	.374	.032	20.0	6.0	9.5	0.8
												HT682M***	6,800	20%	Y5U**	0.787	.236	.374	.032	20.0	6.0	9.5	0.8

****Please note: Y5U Will no longer be available once stock is depleted. (2/23/05)**

*****Part number is obsolete**