

# 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
<b>2000 WVDC</b>										<b>3000 WVDC</b>													
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
<b>3000 WVDC</b>																							
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\*\*\*Part number is obsolete