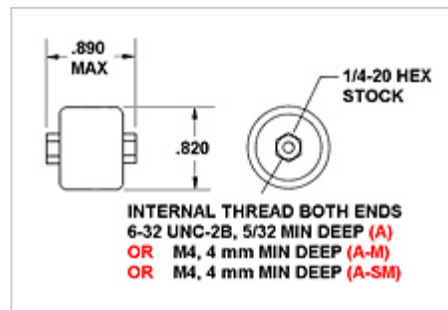




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HT50 Series Ceramic Capacitors

- 7.5 kV_{DC} Working Voltage
- 10 kVA Max Power
- 10 to 700 pF Capacitance
- 0.820" Diameter x 0.890" Maximum Length
- Choice of four Class I TC's



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Part Number	CAP	Dielectric (TC)	V _{MAX} (DC)	f _L	S _{MAX}	f _H	I _{MAX} (RMS)
<u>HT50V100KA</u>	10 pF	NP0	7.5 kV	5.65 MHz	10 kV·A	84.7 MHz	7.3 A
<u>HT50V150KA</u>	15 pF	NP0	7.5 kV	3.77 MHz	10 kV·A	56.5 MHz	7.3 A
<u>HT50V250KA</u>	25 pF	NP0	7.5 kV	2.26 MHz	10 kV·A	39.7 MHz	7.9 A
<u>HT50V300KA</u>	30 pF	NP0	7.5 kV	1.88 MHz	10 kV·A	33.9 MHz	8.0 A
<u>HT50V350KA</u>	35 pF	NP0	7.5 kV	1.62 MHz	10 kV·A	31.3 MHz	8.3 A
<u>HT50V400KA</u>	40 pF	NP0	7.5 kV	1.4 MHz	10 kV·A	27.4 MHz	8.3 A
<u>HT50V450KA</u>	45 pF	NP0	7.5 kV	1.26 MHz	10 kV·A	24.9 MHz	8.4 A
<u>HT50V500KA</u>	50 pF	NP0	7.5 kV	1.13 MHz	10 kV·A	23.0 MHz	8.5 A
<u>HT50V550KA</u>	55 pF	NP0	7.5 kV	1.03 MHz	10 kV·A	21.4 MHz	8.6 A
<u>HT50V600KA</u>	60 pF	NP0	7.5 kV	0.942 MHz	10 kV·A	20.1 MHz	8.7 A

<u>Part Number</u>	<u>CAP</u>	<u>Dielectric (TC)</u>	<u>V_{MAX} (DC)</u>	<u>f_L</u>	<u>S_{MAX}</u>	<u>f_H</u>	<u>I_{MAX} (RMS)</u>
<u>HT50V650KA</u>	65 pF	NP0	7.5 kV	0.870 MHz	10 kV·A	19.4 MHz	8.9 A
<u>HT50V750KA</u>	75 pF	N750	7.5 kV	0.754 MHz	10 kV·A	19.9 MHz	9.7 A
<u>HT50V101KA</u>	100 pF	N750	7.5 kV	0.565 MHz	10 kV·A	15.0 MHz	9.7 A
<u>HT50V151KA</u>	150 pF	N750	7.5 kV	0.377 MHz	10 kV·A	11.0 MHz	10.2 A
<u>HT50V171KA</u>	170 pF	N750	7.5 kV	0.333 MHz	10 kV·A	10.1 MHz	10.4 A
<u>HT50V201KA</u>	200 pF	N3300	7.5 kV	0.283 MHz	10 kV·A	3.78 MHz	6.9 A
<u>HT50V301KA</u>	300 pF	N3300	7.5 kV	0.188 MHz	10 kV·A	2.90 MHz	7.4 A
<u>HT50V401KA</u>	400 pF	N3300	7.5 kV	0.141 MHz	10 kV·A	2.36 MHz	7.7 A
<u>HT50V501KA</u>	500 pF	N5250	7.5 kV	0.113 MHz	10 kV·A	1.69 MHz	7.3 A
<u>HT50V601KA</u>	600 pF	N5250	7.5 kV	0.0942 MHz	10 kV·A	1.49 MHz	7.5 A
<u>HT50V701KA</u>	700 pF	N5250	7.5 kV	0.0808 MHz	10 kV·A	1.42 MHz	7.9 A
<u>HT50_CUSTOM</u>	10 to 700 pF	N/A	N/A	N/A	N/A	N/A	N/A