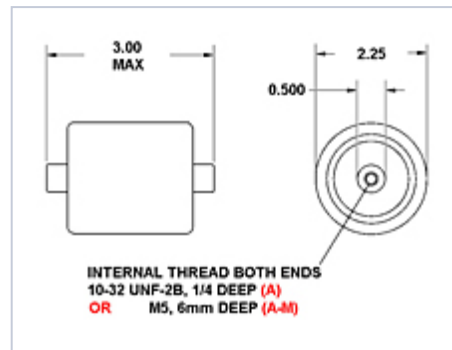




**High Energy Corp**  
 PO Box 308  
 Lower Valley Road  
 Parkesburg, PA 19365  
**Phone:** 610-593-2800  
**Fax:** 610-593-2985  
**Website:** www.highenergycorp.com

## HT59 Series Ceramic Capacitors

- 25 kV<sub>DC</sub> Working Voltage
- 50 kVA Max Power
- 50 to 1500 pF Capacitance
- 2.25" Diameter x 3" Maximum Length
- Choice of four Class I TC's
- One Year Warranty



1

Part Number	CAP	Dielectric (TC)	V <sub>MAX</sub> (DC)	f <sub>L</sub>	S <sub>MAX</sub>	f <sub>H</sub>	I <sub>MAX</sub> (RMS)
<u>HT594500MA</u>	50 pF	NP0	25 kV	0.509 MHz	50 kV·A	18.0 MHz	16.8 A
<u>HT594750MA</u>	75 pF	NP0	25 kV	0.339 MHz	50 kV·A	13.6 MHz	17.9 A
<u>HT594101MA</u>	100 pF	NP0	25 kV	0.254 MHz	50 kV·A	13.0 MHz	20.2 A
<u>HT594131MA</u>	130 pF	NP0	25 kV	0.196 MHz	50 kV·A	14.2 MHz	24.1 A
<u>HT594151MA</u>	150 pF	N750	25 kV	0.170 MHz	50 kV·A	13.9 MHz	25.6 A
<u>HT594201MA</u>	200 pF	N750	25 kV	0.127 MHz	50 kV·A	14.3 MHz	30.0 A
<u>HT594251MA</u>	250 pF	N750	25 kV	0.102 MHz	50 kV·A	16.0 MHz	35.5 A
<u>HT594301MA</u>	300 pF	N3300	25 kV	0.0848 MHz	50 kV·A	5.18 MHz	22.1 A

<u>Part Number</u>	<u>CAP</u>	<u>Dielectric (TC)</u>	<u>V<sub>MAX</sub> (DC)</u>	<u>f<sub>L</sub></u>	<u>S<sub>MAX</sub></u>	<u>f<sub>H</sub></u>	<u>I<sub>MAX</sub> (RMS)</u>
<u>HT594501MA</u>	500 pF	N3300	25 kV	0.0509 MHz	50 kV·A	3.36 MHz	23.0 A
<u>HT594701MA</u>	700 pF	N3300	25 kV	0.0363 MHz	50 kV·A	2.73 MHz	24.5 A
<u>HT594801MA</u>	800 pF	N5250	25 kV	0.0318 MHz	50 kV·A	2.10 MHz	23.0 A
<u>HT594102MA</u>	1000 pF	N5250	25 kV	0.0254 MHz	50 kV·A	1.99 MHz	25.0 A
<u>HT594152MA</u>	1500 pF	N5250	25 kV	0.0170 MHz	50 kV·A	1.67 MHz	28.1 A
<u>HT59_CUSTOM</u>	50 to 1500 pF	N/A	15 kV 20 kV 25 kV	N/A	N/A	N/A	N/A