

**High Energy Corp**

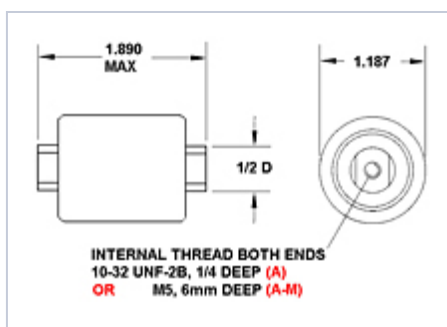
PO Box 308

Lower Valley Road

Parkesburg, PA 19365

**Phone:** 610-593-2800**Fax:** 610-593-2985**Website:** [www.highenergycorp.com](http://www.highenergycorp.com)**HT57 Series Ceramic Capacitors**

- 15 kV<sub>DC</sub> Working Voltage
- 35 kVA Max Power
- 10 to 500 pF Capacitance
- 1.187" Diameter x 1.890" Maximum Length
- Choice of four Class I TC's
- One Year Warranty



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| <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>HT57Y100KA</u>  | 10 pF      | NP0                    | 15 kV                       | 4.95 MHz             | 35 kV·A                | 58.0 MHz             | 11.3 A                       |
| <u>HT57Y250KA</u>  | 25 pF      | NP0                    | 15 kV                       | 1.98 MHz             | 35 kV·A                | 28.4 MHz             | 12.5 A                       |
| <u>HT57Y500KA</u>  | 50 pF      | NP0                    | 15 kV                       | 0.990 MHz            | 35 kV·A                | 15.4 MHz             | 13.0 A                       |
| <u>HT57Y600KA</u>  | 60 pF      | NP0                    | 15 kV                       | 0.825 MHz            | 35 kV·A                | 12.8 MHz             | 13.0 A                       |
| <u>HT57Y750KA</u>  | 75 pF      | N750                   | 15 kV                       | 0.660 MHz            | 35 kV·A                | 10.4 MHz             | 13.1 A                       |
| <u>HT57Y101KA</u>  | 100 pF     | N750                   | 15 kV                       | 0.495 MHz            | 35 kV·A                | 8.53 MHz             | 13.7 A                       |
| <u>HT57Y151KA</u>  | 150 pF     | N750                   | 15 kV                       | 0.330 MHz            | 35 kV·A                | 6.37 MHz             | 14.5 A                       |
| <u>HT57Y201KA</u>  | 200 pF     | N750                   | 15 kV                       | 0.247 MHz            | 35 kV·A                | 5.11 MHz             | 15.0 A                       |

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|--------------------|--------------|------------------------|-----------------------------|----------------------|------------------------|----------------------|------------------------------|
| <u>HT57Y251KA</u>  | 250 pF       | N3300                  | 15 kV                       | 0.198 MHz            | 35 kV·A                | 0.890 MHz            | 7.00 A                       |
| <u>HT57Y301KA</u>  | 300 pF       | N3300                  | 15 kV                       | 0.165 MHz            | 35 kV·A                | 0.742 MHz            | 7.00 A                       |
| <u>HT57Y401KA</u>  | 400 pF       | N3300                  | 15 kV                       | 0.124 MHz            | 35 kV·A                | 0.639 MHz            | 7.50 A                       |
| <u>HT57Y501KA</u>  | 500 pF       | N5250                  | 15 kV                       | 0.0989 MHz           | 35 kV·A                | 0.433 MHz            | 6.90 A                       |
| <u>HT57 CUSTOM</u> | 10 to 500 pF | N/A                    | 7.5 kV<br>10 kV<br>15 kV    | N/A                  | N/A                    | N/A                  | N/A                          |