

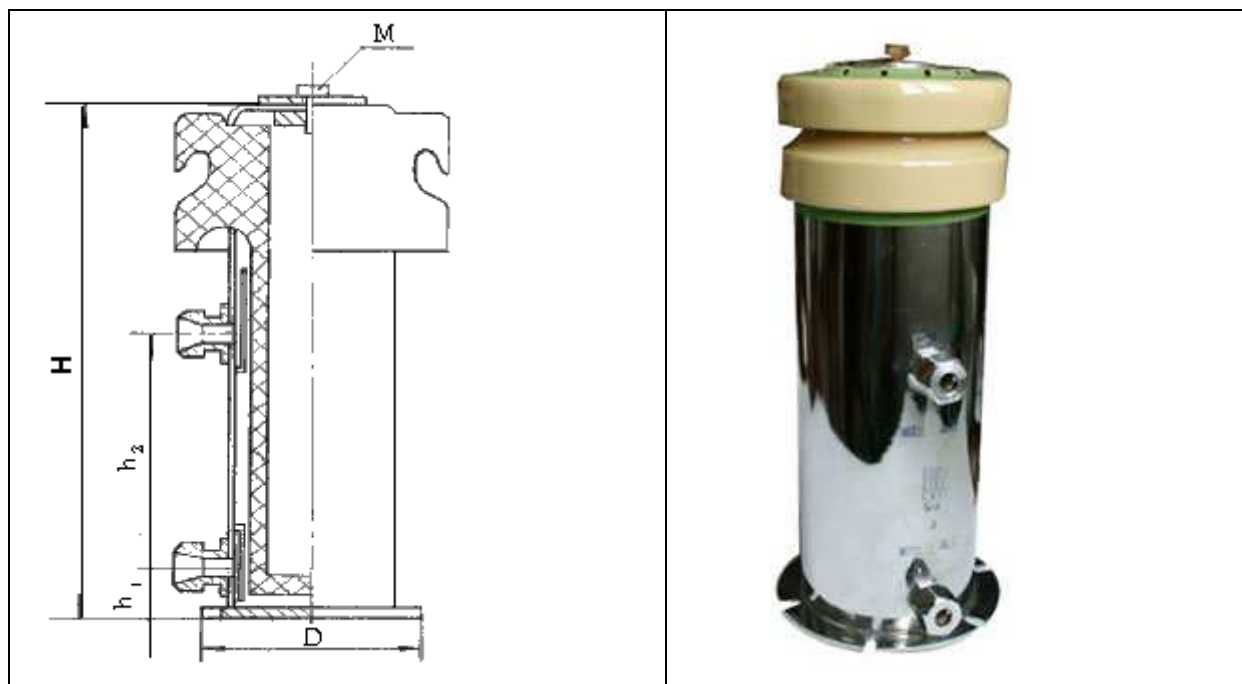
## Water cooled High power ceramic capacitor

### Material Characteristics

|                                                 |                  |                           |
|-------------------------------------------------|------------------|---------------------------|
| Typical Dissipation Factor @ 1MHz for C<1000pF  | =<5              | Unit<br>x10 <sup>-4</sup> |
| Typical Dissipation Factor @ 1kHz for C>=1000pF | =<10             | x10 <sup>-4</sup>         |
| EIA Category                                    | N750             |                           |
| Volume Resistivity                              | 10 <sup>13</sup> | ohm M                     |
| Temperature Range                               | -55 to +95       | °C                        |
| Maximum Relative Humidity                       | 75               | %                         |

### Applications

Bypass, feedback and coupling circuits



| Model    | Rated Capacitance<br>pF | Rated Voltage (KV) |     | Reactive Power<br>KVA | Max. Current<br>A rms | Dimensions (mm) |     |    |     |    | Temperature Coefficient<br>(PPM/°C) |
|----------|-------------------------|--------------------|-----|-----------------------|-----------------------|-----------------|-----|----|-----|----|-------------------------------------|
|          |                         | DC                 | RMS |                       |                       | D               | H   | h1 | h2  | M  |                                     |
| T95X162  | 1500                    | 14                 |     | 1000                  | 150                   | 95              | 162 | 25 | 105 | M8 | N750                                |
| T95X162  | 2000                    | 14                 |     | 1500                  | 150                   | 95              | 162 | 25 | 105 | M8 | N750                                |
| T95X162  | 2500                    | 14                 |     | 1500                  | 150                   | 95              | 162 | 25 | 105 | M8 | N750                                |
| T135X242 | 2500                    | 25                 |     | 2500                  | 250                   | 135             | 242 | 25 | 110 | M8 | N750                                |
| T135X242 | 3000                    | 20                 |     | 2000                  | 200                   | 135             | 242 | 25 | 110 | M8 | N750                                |
| T135X218 | 4000                    | 16                 |     | 2500                  | 250                   | 135             | 218 | 25 | 110 | M8 | N750                                |
| T95X220  | 5000                    | 12                 |     | 1250                  | 150                   | 95              | 220 | 25 | 110 | M8 | N750                                |
| T110X250 | 5000                    | 14                 |     | 2000                  | 200                   | 110             | 250 | 25 | 110 | M8 | N750                                |
| T135X250 | 5000                    | 16                 |     | 2800                  | 250                   | 135             | 250 | 25 | 110 | M8 | N750                                |
| T135X285 | 5000                    | 20                 |     | 3000                  | 250                   | 135             | 285 | 25 | 133 | M8 | N750                                |
| T142X305 | 5000                    | 24                 |     | 3000                  | 250                   | 142             | 305 | 30 | 133 | M8 | N750                                |