



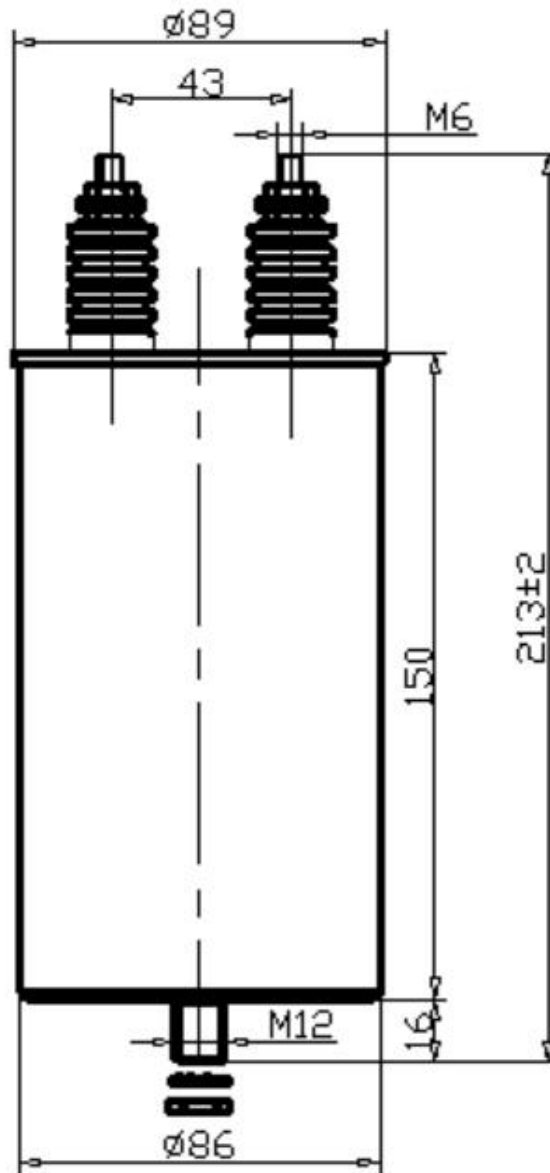
YANGZHOU POSITIONING TECH. CO., LTD

Type: YZPST-2.0 $\mu$ F8000VDC

High Voltage Discharge Capacitor technical index

|   |  |
|---|--|
| Standard                                      | JB/T 8168-1999   |
| Rated Voltage                                 | 8000VDC  |
| Rated capacity                                | 2 $\mu$ F  |
| Capacity Tolerance within                     | $\pm 5\%$  |
| Ambient temperature:                          |  |
| Min. running temp. $T_{min}$                  | -40 $^{\circ}$ C   |
| Max. running temp. $T_{max}$                  | +85 $^{\circ}$ C   |
| Relative humidity                             | $\leq 95\%$  |
| Altitude                                      | $\leq 1000\text{m}$  |
| Storage temperature                           | -25 $\sim$ 60 $^{\circ}$ C   |
| Test Item:                                    |  |
| AC Testing Voltage $V_{TT}$                   | DC $1.2 \times U_N$ , 1min   |
| Voltage between terminal and housing $V_{TC}$ | $2 \times U_i + 1000\text{V}$ , 10s ( $U_i = U_N / \sqrt{2}$ )   |
| Insulation resistance $R_{ins}$               |  |
| Discharge time $\tau (R_{ins} \times C)$      | $\leq 1\mu\text{F} : \geq 3000\text{M}\Omega$ $> 1\mu\text{F} : \geq 3000\text{s}$   |
| Loss angle $\tan \delta$ (1kHz)               | $\leq 0.0009$  |
| Sealing test                                  | 75 $^{\circ}$ C $\pm$ 5 $^{\circ}$ C at constant temperature, 4 hours  |
| Discharge test between terminals              | without leakage<br><br>1.1 $U_N$ voltage, 10mins bear 5 times DC charging and discharging in polarity, Without breakdown and capacitance loss. |

Drawing:  
Unit:mm



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