



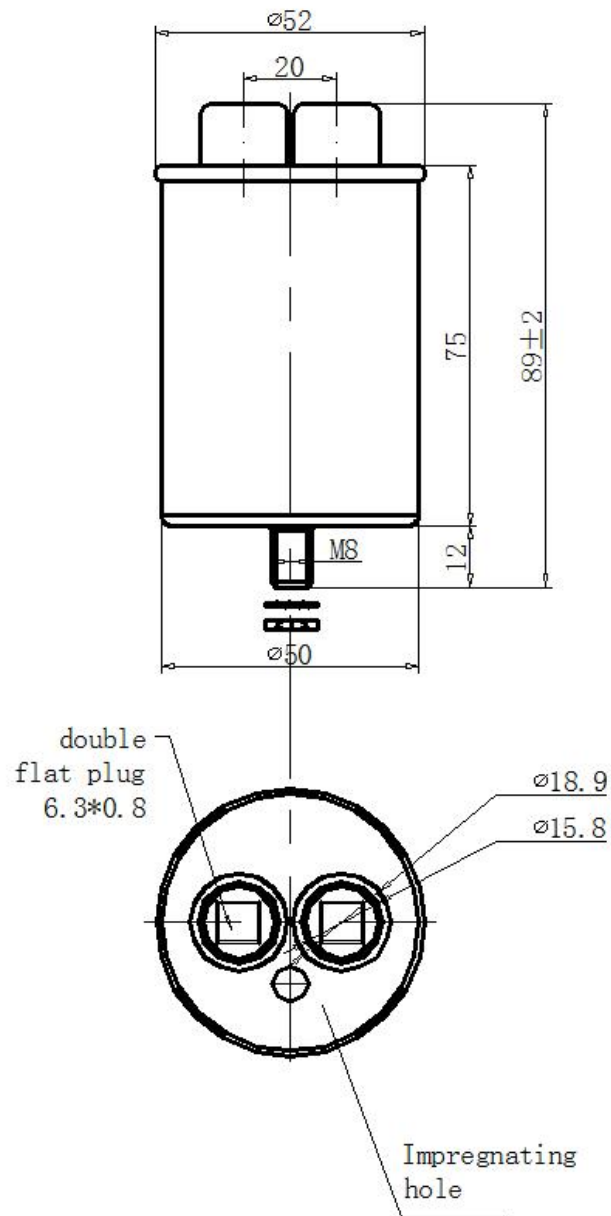
YZPST Group

Damping and absorption capacitor technical index

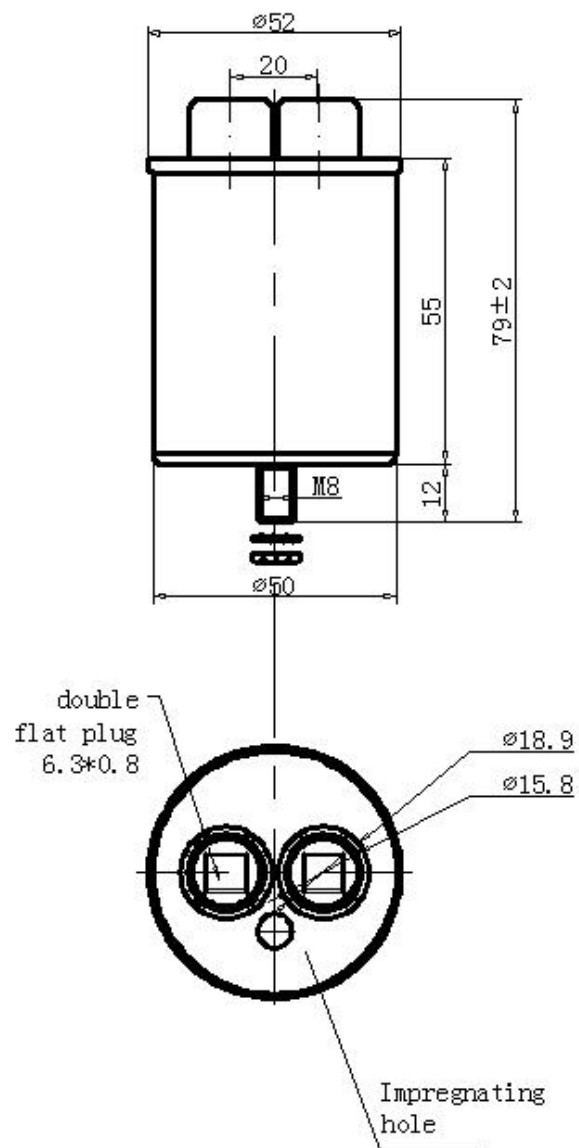
Standard	IEC 61071-2017
Rated Voltage	2000VDC/3000VDC
Rated capacity	1 μ F/0.47 μ F/0.68 μ F
Capacity Tolerance within	$\pm 5\%$
Ambient temperature:	
Min.running temp. $T_{\min}$	-40℃
Max.running temp. $T_{\max}$	+85℃
Relative humidity	$\leq 95\%$
Altitude	$\leq 1000\text{m}$
Storage temperature	-25~60℃
Test Item:	
AC Testing Voltage V_{TT}	AC $1.5 \times U_N$ or DC $2.15 \times U_N$, 10s
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 $\tau (R_{ins} \times C)$	$\leq 1\mu\text{F} : \geq 3000M\Omega$ $> 1\mu\text{F} : \geq 3000\text{s}$
Loss angle $\tan \delta$ (1kHz)	≤ 0.0009
Sealing test	75℃ $\pm 5^\circ\text{C}$ at constant temperature, 4 hours
Discharge test between terminals	without leakage 1.1 U_N voltage, 10mins bear 5 times DC charging and discharging in polarity, Without breakdown and capacitance loss.

Drawing :

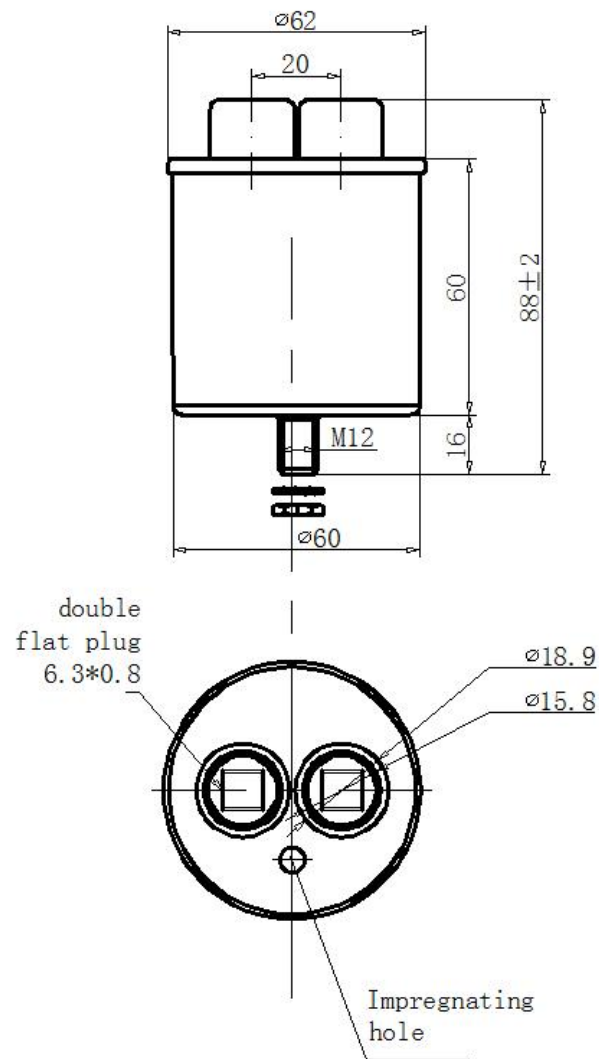
Unit:mm



2000VDC/3000VDC-1 μ F



2000VDC/3000VDC-0.47 μ F



2000VDC/3000VDC-0.68 μ F