

Technical data and specifications
Type: YZPST-0.47 μ F-2100VAC

Standard	IEC 61071-2017
Rated voltage V_R	2100V.AC
Rated capacity C_R	0.47 μ F
Capacity tolerance within	$\pm 5\%$
Ambient Temperature:	According to specification table
Min.running temp T_{min}	-40 $^{\circ}$ C
Max.running temp T_{max}	+85 $^{\circ}$ C
Relative humidity	$\leq 95\%$
Altitude	≤ 2000 m
Storage temperature	-25 \sim 60 $^{\circ}$ C
Maximum r.m.s. current I_{max}	18A
Repetitive peak current i	400A
Surge peak current I_s	900A
Periodic peak voltage U_{max}	2650V
Non-recurrent surge voltage U_s	4500V
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}	$2 \times U_i + 2000$ V, 10s ($U_i = U_N / 2$)
Insulation resistance R_{ins}	$\leq 1 \mu F : \geq 3000 M\Omega$
Discharge time $\tau (R_{ins} \times C)$	$> 1 \mu F : \geq 3000 s$
Loss angle $\tan \delta (1\text{kHz})$	≤ 0.0010
Sealing test	75 $^{\circ}$ C \pm 5 $^{\circ}$ C at constant temperature, 4 hours without leakage
Discharge test between terminals	1.1 U_N voltage , 10mins bear 5 times DC charging and discharging in polarity, Without breakdown and capacitance loss

Drawing:
Unit:mm

