

Impulse capacitor _ EST

Highlight Features

- Withstand high rate of reversal voltage: up to 20%
- Withstand high Ipeak: up to 3A/μf
- High speed of recharge: upto 1time/2S
- High reliability and life expectancy: > 20,000,000 times recharge
- Non-polar

Applications

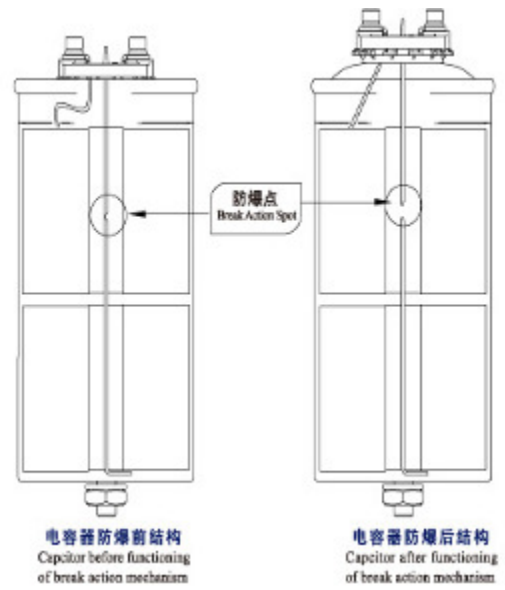
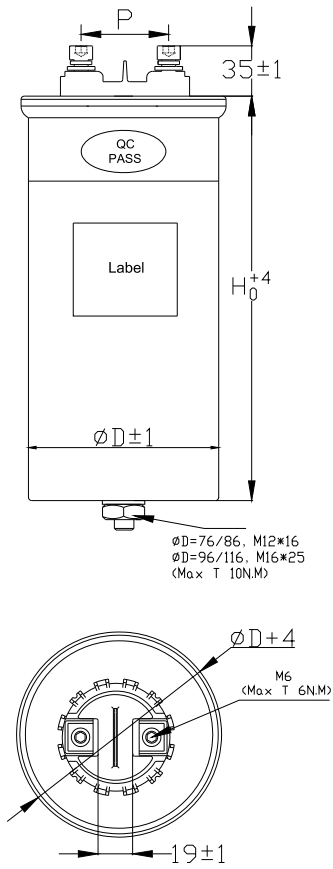
- Capacitor discharge welding machine
- Impulse generator
- Magnetizer
- Laser power supply
- Medical equipment



Parameter

Rated Capacitance	500μF ~ 2000μF (25°C)
Rated Voltage	500VDC ~ 2500VDC
Tolerance	±10% (standard), ±5% (upon request)
Dielectric	Metalized polypropylene
Dissipation factor	$\tan\delta \leq 0.0002$ (100Hz , 25°C)
Insulation resistor (RC)	$\geq 20,000s$ (Un, 25°C)
Operating temperature (Tw)	-25°C ~ +40°C
Storage temperature (Ts)	-40°C ~ +85°C
Altitude	$\leq 2000m$
Life expectancy	$\geq 20,000,000$ times
Test voltage between terminals	1.5Un / 10s at 25°C
Test voltage terminal to case	3000VAC / 2s at 25°C, 50/60Hz
Construction	Filling with inert gas or silicon oil, Non-inductive, over-pressure
Case	Aluminum case
Reference standards	JB/T8168-1999

Dimensions



Overpressure disconnect

General specification table

Specification	V	C	ϕD	H	P	Stud/mm		Part Number
	VDC	μf	mm	mm	mm	A	B	
ESTSY500-500	500	500	65	230	38	12	16	J0500M5000UKN1DDK1P
ESTSY500-1000	500	1000	86	165	38	12	16	J0500M1001UKN1DFG1P
ESTSY1100-1000	1100	1000	96	230	38	12	16	J1000M1001UKN1DGK1P
ESTSY1100-2000	1100	2000	136	285	38	16	25	J1100M2001UKN1DKM1P
ESTSY1500-500	1500	500	106	290	38	16	25	J1500M5000UKN1DHN1P
ESTSY2500-200	2500	200	106	310	38	16	25	J2500M2000UKN1DHO1P

Note: Customized products are available upon request.