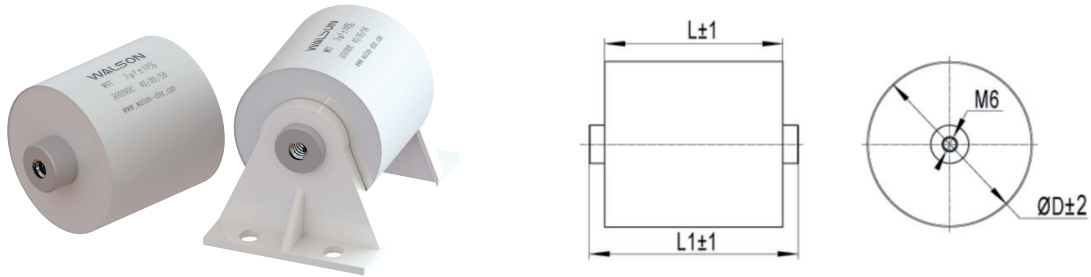


# WST 吸收/谐振电容器 (轴向) Snubber/Resonant Capacitor (Axial-type)

## 外形图 Outline Drawing



单位 Unit: mm

## 特点 Features

- 迈拉胶带和阻燃环氧树脂封装
- 镀锡铜线引出，方便安装
- 无感式结构，ESL低、ESR小，高脉冲电流，高DV/DT承受能力；耐压高，损耗小，温升低，寿命长等特点
- Sealed with mylar tape and flame retardant epoxy resin
- Tin plated copper wire lead, convenient installation
- Non inductive structure, ESL low, ESR small, high pulse current, high DV/DT bearing capacity, high pressure, low loss, low temperature rise, long life and so on

## 主要用途 Typical Applications

- GTO缓冲吸收
- 广泛应用于电力电子设备中开关器件关断时的尖峰电压，尖峰电流吸收保护
- GTO Snubber
- Widely used in power electronic equipment when the peak voltage, peak current absorption protection

## 技术要求 Specifications

执行标准 Implemented Standard	GB/T 17702、IEC61071
气候等级 Climatic Category	40/85/21
额定电压 Rated Voltage	1200V.DC~8000V.DC
容量范围 Capacitance Range	0.068 $\mu$ F ~ 3 $\mu$ F
容量偏差 Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K)
极间耐压 Voltage Test Between Terminals	1.5U <sub>n</sub> /10S
绝缘电阻 Insulation resistance	$\geq 5000s$ (100 V, 1 min, 20 $^{\circ}$ C)

■ 规格参数 Specification Parameter

C <sub>N</sub> (μF)	尺寸 Dimension (mm)			ESL (nH)	DV/DT (V/μs)	i (A)	I <sub>max</sub> @40°C 10kHz (A)
	ΦD	L	L1				
<b>Un=3000 V.DC</b>							
0.22	35	44	52	25	1100	242	30
0.33	43	44	52	25	1000	330	35
0.47	51	44	52	22	850	399	45
0.68	61	44	52	22	800	544	55
1	74	44	52	20	700	700	65
1.2	80	44	52	20	650	780	75
<b>Un=6000 V.DC</b>							
0.22	43	60	72	25	1500	330	35
0.33	52	60	72	25	1200	396	45
0.47	62	60	72	25	1000	470	50
0.68	74	60	72	22	900	612	60
1	90	60	72	22	800	900	75
<b>Un=7000 V.DC</b>							
0.22	45	57	72	25	1100	242	30
0.68	36	80	92	28	1000	680	25
1	43	80	92	28	850	850	30
1.5	52	80	92	25	800	1200	35
1.8	57	80	92	25	700	1260	40
2	60	80	92	23	650	1300	45
3	73	80	92	22	500	1500	50
<b>Un=8000 V.DC</b>							
0.33	35	90	102	30	1100	363	25
0.47	41	90	102	28	1000	470	30
0.68	49	90	102	28	850	578	35
1	60	90	102	25	800	800	40
1.5	72	90	102	25	700	1050	45
2	83	90	102	25	650	1300	50