

SCH High Voltage Ceramic Capacitor

Semec

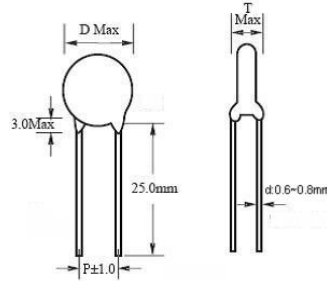
RoHS

Features

High Voltage
High stability and reliability

Specifications

Operating Temperature -25°C ~ + 85°C
 Rated Voltage DC 1KV ~ 50KV
 Capacitance Range 100pF to 0.01uF
 Capacitance Tolerance ±5%, ±10%, ±20%, +80-20%
 Insulation Resistance $R \geq 10,000M\Omega$ or $\geq 4,000M\Omega$ at DC500V for 1 min
 Dissipation Factor > 1000 for SL; <2.5% for Y5P, Y5U, Y5V (at 1KHZ , 20°C)



Voltage	SL	Y5P	Y5U	Y5V	DIMENSION (mm)			
					D	P	T	d
1KV	680	501	102	332	6	5		0.6
	101	102	222	472	7	5		0.6
	151	152		682	8	5	4	0.6
	221	272	562	123	10	10		0.6
			103		13	10		0.6
2KV	680	471	102		6	5		0.6
	101		222		7	5		0.6
	121	102	332		8	5	5	0.6
	181		472	822	10	10		0.6
			103	153	13	10		0.6
3KV		561			7	5		0.6
			222		8	7.5		0.6
		122	332		10	7.5	5	0.6
		222	562	822	13	7.5		0.6
			332		16	10		0.8
		472		19	10		0.8	
4KV		471	102		7	10		0.6
	680	561	152	272	8	10		0.6
		102	272		10	10	5	0.6
		152			13	10		0.8
6.3KV		222			16	10		0.8
	390	391	102		8	10		0.8
			202		10	10	7	0.8
			302		12	10		0.8
			402		14	10		0.8
10KV		201			10	10	7	0.6
		391	102	152	12	10		0.8
		681	152	222	14	10	8	0.8
		102	222		17	10		0.8
15KV		221			8	10		0.8
		471	122		12	10	9	0.8
		681			14	10		0.8
		102	272		17	10		0.8
20KV	10~30	201~271			10	10	8	0.6
		331~511			14	10	8	0.8
		102			18	12.5	9	0.8
30KV			472	103	24	12.5	9	0.8
40KV		102			30	15	12	1.5
50KV		102			36	15	22	1.5

* The spec is subject to change without notice. Please contact us if any further queries.