

SCJ Ceramic Disc Capacitor



RoHS

Features

- High Stability of capacitance
- Linear temperature coefficient of capacitance



Specifications

Operating Temperature	-25°C ~ + 85°C
Rated working Voltage	DC50V, 500V
Capacitance Range	Within the tolerance at 1 MHz, 25°C, Vrms=1.0V
Insulation Resistance	I.R. ≥ 10000MΩ at working voltatge for 1 minute
Testing voltage	at 2.5 times of working voltage
Q Value	C < 30pF, Q ≥ 400+20°C C ≥ 30pF, Q ≥ 1000

Capacitance Range and Diameter

Class I Temperature compensation type

50V		500V		Tol	Dmax (mm)	Pitch (mm)
NPO	SL	NPO	SL			
0.5 - 9	2-9	1-9	2-9	C/D	5	2.54/5.08
10-47	10-200	10-12	10-30	J/K	5	2.54/5.08
50-68	200-270	13-15	33-120	J/K	6	2.54/5.08
82-100	300-330	16-22	-	J/K	7	2.54/5.08
120-150	360-470	-	200-270	J/K	8	2.54/5.08
180-200	500-560	24-47	200-270	J/K	9	2.54/5.08
220-270	680-820	-	300-470	J/K	10	2.54/5.08/7.5

Class II By passed & Coupling type

50V			500V			Dmax (mm)	Pitch (mm)
Y5P	Y5U	Y5V	Y5P	Y5U	Y5V		
221-152	222-472	472-103	101-102	202-222	202-222	5	2.54/5.08
182-272	502-103	103-203	122	272	272-472	6	2.54/5.08
302-392	-	203-223	152-182	392-472	-	7	2.54/5.08
472-682	-	-	152-182	-	103	8	2.54/5.08/7.5
103	203-223	-	-	-	-	9	2.54/5.08/7.5
-	-	-	272-332	103	-	10	2.54/5.08/7.5
-	-	-	472	-	223	12	7.5
-	-	-	103	223	-	14	7.5

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