

A01 CEREMIC DISC CAPACITOR

ROHS

FEATURES

Linear temperature coefficient of capacitance.

High stability of capacitance.

Low loss at wide range of frequency.

RATING AND CHARACTERISTIC

Operating Temperature: -25 ~ + 85

Rated working Voltage: DC50V, 500V

Capacitance Range: Within the tolerance at 1 MHz, 25 , Vrms=1.0V

Insulation Resistance: I.R. 10000MΩat working voltage for 1 minute

Testing voltage: at 2.5 times of working voltage

Q Value: C < 30pF, Q 400+20
C ≥ 30pF, Q 1000



Class I Temperature compensation type

50V		500V		Tol	Dmax (mm)	Pitch (mm)
NPO	SL	NPO	SL			
0.5 - 9 pF	2-9pF	1-9pF	2-9pF	C/D	5	2.54/5.08
10-47	10-200	10月12日	10月30日	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	5

Class II By passed & Coupling type

50V			500V			(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	5
103	203-223	-	-	-	-	9	5
-	-	-	272-332	103	-	10	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.

