

**50V, 100V, 500V, 1KV, 2KV TEMPERATURE COMPENSATING CERAMIC DISC CAPACITOR**

5. Cap. Value vs. Rate voltage, product diameter & marking list:

T.C		CH (CLASS , Temperature:-25 ~+85 , T.C.C.: 0±60ppm)																			
Rate voltage		50V & 100V							500V					1KV					2KV		
D		040	050	060	070	080	100	110	120	040	050	060	080	100	050	060	070	080	100	060	080
D max. (mm)		4.5	5.5	6.5	7.5	8.5	10.5	11.5	12.5	4.5	5.5	6.5	8.5	10.5	6.0	7.0	8.0	9.0	11.0	7.5	9.5
T max. (mm)		3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
0.5	0R5									0R5											
1																					
2																					
3																					
4																					
5																					
6																					
7										070											
8											080						080				
10											120						120				
12																					
15										150						150					
18										200											
20																					
22											220					220					
24																					
27																					
33	330																				
36		360																			
39																					
47											390										
51																					470
56		560									560						560				
62				620								620						620			
68																					
75				750														750			
82						820															
100						101												820		101	
120							121														
150							151														
180								181													
200																					
220																					
240																					
270								271													
300																					
330																					
360																					
390																					
470																					
510																					
560																					
620																					
680																					
750																					
820																					
1000																					
Packing		T or B							B					T or B					T or B		
Coating		PHENOL																		EPOXY	
Marking		1. Temperature characteristic		2. Nominal capacitance		3. Capacitance tolerance		4. Rated voltage		5. Manufacturer's identification											
		CH : No marking, but recognized by black color presented on the top of product.		I identified by 3-figure code. Ex. 5pF→"5" 100 pF→"101"		±5% J		50V Marked as underline		Shall be marked as "UK", but D =6.0 mm and less in Dia shall be omitted.											
						±0.25pF C		500V No marking (is space.)													
						±0.5pF D		1000V Marked "1kV"													
						2000V Marked "2kV"															