

Safety recognized ceramic capacitors

Capacitance chart

Capacitance Chart

PREFERRED SIZES ARE SHADED

Class	X1 Y2 (KL type)						X1 Y1 (WD type)							
	C0G (C)	SL (L)	Y5P (B)	X7R (X)	Y5U (E)	Y5V (F)	C0G (C)	SL (L)	Y5P (B)	X7R (X)	Y5U (E)	Y5V (F)		
Capacitance (pF)	1.0	G	G	G			G	G	G					
	1.5	G	G	G			G	G	G					
	2.2	G	G	G			G	G	G					
	3.3	G	G	G			G	G	G					
4.7	G	G	G				J	J	I					
5.1	G	G	G	G			J	J	I	I				
6.8	J	J	I				K	K	J					
10	J	G	I	G			K	G	J	J				
12		G	I	G				G	J	J				
15		G	I	G				G	J	J				
18		G	I	G				G	J	J				
20		G	I	G				G	J	J				
22		G	I	G				G	J	J				
27		J	I	G				G	J	K				
30		J	I	G				G	J	K				
33		J	I	G				G	K	K				
36		J	I	G				G	K	K				
39		J	I	G				G	K	K				
47		K	I	G				L	K	K				
56		K	K	G				L	K	K				
68		K	K	G				L	K	K				
82		K	K	G				L	K	K				
100			G	G					K	K	G			
120			G	G					K	K	G			
150			G	G					K	K	G			
180			G	G					K	K	G			
220			G	G					K	K	G			
270			G	G					K	K	G			
330			G	G	E				K	K	G			
390			J	I	E				K	K	G			
470			J	I	E	E			K	K	G	G		
560			J	I	E	E			K	K	G	G		
680			J	I	E	E			K	L	G	G		
820			J	J	E	E			L	L	G	G		
860			J	J	E	E			L	L	G	G		
1000			L	J	G	G			N	N	I	I		
1200			L	M	G	G			N	N	I	I		
1500			N	M	I	I			O	O	K	K		
1800			N		I	I			R	R	K	K		
2000			O		J	J			R	R	L	L		
2200			O		J	J			R		L	L		
2700					L	L					M	M		
2800					L	L					M	M		
3000					L	L					O	O		
3200					L	L					O	O		
3300					L	L					O	O		
3600					M	M					O	O		
3900					M	M					Q	Q		
4000					M	O					Q	Q		
4700					O	O					Q	Q		
5000					O	O					S	S		
5500					O	O					S	S		
5600					O	O					S	S		
6000					Q	Q					S	S		
6800					Q	Q					S	S		
8000					Q	Q					S	S		
8200					Q	R					T	T		
8600					Q	R					T	T		
9000					T	T					T	T		
10000					T	T					T	T		
15000					U	T					T	T		
Lead Spacing (F) (±1.0mm)	5.0 & 7.5 & 10.0						7.5 & 10.0							
Thickness (T)	4.0±0.5mm						5.0±0.5mm							
Capacitance Tolerance	Below 10pF: ±0.25pF or ±0.50pF;						10pF~100pF: ±5% or ±10%;			Over 100pF: ±10% or ±20%				
Coating	Epoxy resin (UL94V-0)													
Body Color	Sky blue													
Code	E	G	I	J	K	L	M	N	O	Q	R	S	T	U
Diameter (D) max.	7mm	8mm	9mm	10mm	11mm	12mm	14mm	15mm	16mm	19mm	20mm	22mm	25mm	28mm

