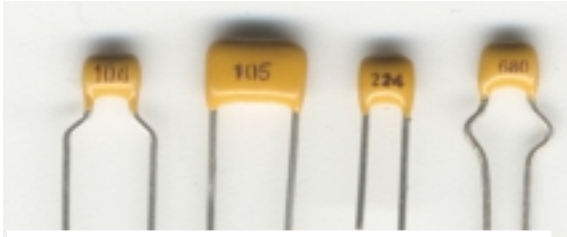


CT4 Radial Multilayer Ceramic Capacitors.

SINOCAPA[®]

TYPE CT4

Radial Multilayer Ceramic Capacitors

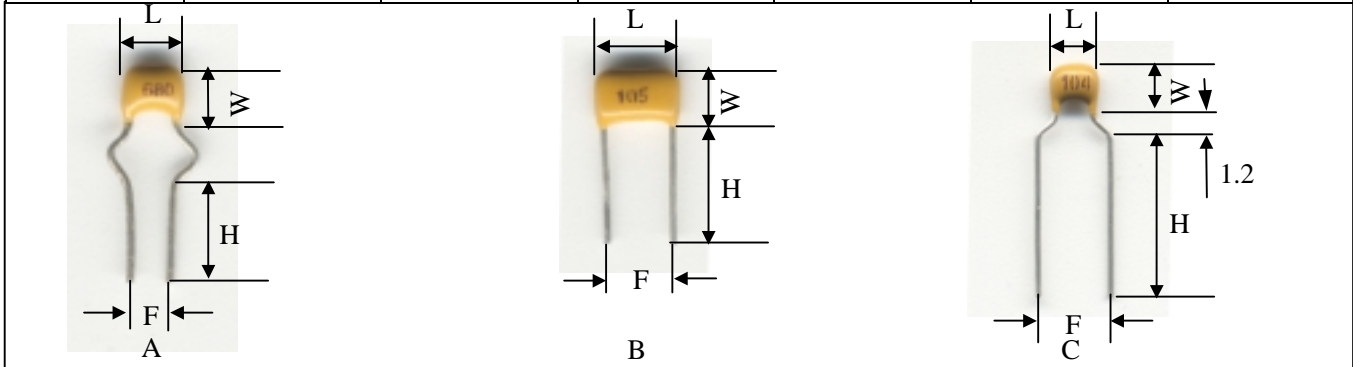


- Miniature size wide capacitance
- Tape and reel packing available for auto-placement.
- Coating by epoxy resin, creates the excellent humidity resistance
- And prevents body from damaging during soldering and washing
- Industrial standard size and various lead spacing available .

RADIAL CAPACITORS LEAD STYLE CAPACITANCE AND VOLTAGE

Size code	EIA Code	Voltage	capacitance	Size code	EIA Code	Voltage	capacitance	Size code	EIA Code	Voltage	capacitance
0805	COG	50V	0.5pf-472	1206	Y5V	10V	106-226	1812	X7R X5R	16V	156-226
0805	COG	50V	0.5PF-472	1206	Y5V	16V	475	1812	X7R X5R	25V	475-156
0805	X7R	16V	334-105	1206	Y5V	25V	225	1812	X7R X5R	50V	225/335
0805	X7R	25V	154-474	1206	Y5V	50V	474-105	1812	X7R	100V	684-105
0805	X7R	50V	104-334	1210	C0G	100V	153-333	1812	Y5V	10V	107
0805	X7R	100V	102-473	1210	X5R	6.3V	226-476	1812	Y5V	16V	476
0805	Y5V	50V	224	1210	X5R	10V	156-226	1812	Y5V	25V	226
0805	Y5V	25V	224-105	1210	X7R X5R	16V	685-106	1812	Y5V	50V	106
0805	Y5V	16V	474-225	1210	X7R X5R	25V	335-475	2220	X5R	6.3V	107
0805	Y5V	10V	335-475	1210	X7R X5R	50V	684-335	2220	X5R	10V	686
1206	C0G	50V	102-103	1210	X7R	100V	334-474	2220	X5R	16V	336-476
1206	C0G	100V	392-103	1210	Y5V	10V	476	2220	X7R X5R	25V	106-226
1206	X5R	6.3V	685-106	1210	Y5V	16V	226	2220	X7R X5R	50V	475-/106
1206	X5R	10V	225-475	1210	Y5V	25V	106	2220	X7R	100V	684-225
1206	X7R X5R	16V	155-335	1210	Y5V	50V	475	2220	Y5V	50V	226
1206	X7R	25V	474-225	1812	C0G	100V	473-104	2220	Y5V	25V	476
1206	X7R	50V	154-105	1812	C0G	100V	473-104	2220	Y5V	16V	107
1206	X7R	100V	333-154	1812	X7R X5R	6.3V	476-107				

Size code	Lead style	Dimensions(mm)				
		F(±0.5)	H min	L max	W max	T(thick) max
0805	A	2.54	10	4.2	3.8	3.8
	B	2.54				
	C	5.08				
1206	A	2.54	10	5.0	4.5	3.8
	B	3.50				
	C	5.08				
1210	B	3.50	10	7.6	5.5	3.8
	C	5.08				
1812	B	4.75	10	8.5	8.5	3.8
2225	B	5.50	10	10.5	9.5	4.2



CT4 Radial Multilayer Ceramic Capacitors.

GENERAL SPECIFICATION			
Dielectric tape	COG	X7R/X5R	Y5V/Z5U
Capacitance Range	0.5pF~104	102~107	103-107
Capacitance Tolerance	C D F J K	K M	M S Z
Rated Voltage	50V 100V 250V 500V 1000V 3000V		6.3V 10V 16V 25V 50V
Dissipation Factor	0.15% (20°C,1MHZ,1VDC) LESS THAN 30 pF:DF ≥ 1/(400 +20C)	<=2.5% fo>=50V DC rating <=3.0% for 25V DC rating <=3.5% for 16V DC rating <=5.0% for <=10V DC rating (20°C,1KHZ,1VDC)	<=5.0% for ε50V DC rating <=7.0% for 25V DC rating <=9.0% for 16V DC rating <=12.5% for <=10V DC rating (20°C,1KHZ,0.5VDC)
Insulation Resistance	10000 or 500 - μF, whichever is less	10000 or 500 - μF,whichever is less Capacitance over 25NF, 10,000 MΩ or 100 MΩ · μF	
T.C.C Operating temperature	0±30ppm/°C -55-125°C	±15% -55-125°C(X7R) -55-85°C(X5R)	+22%_-82%(Y5V) +22%_-56%(Z5U) -30°C-85°C(Y5V) -10°C-85°C(Z5U)
Load Life (Charge device with twice rated voltage and rated temperature 1000 hours)	Appearance	No visual defects	
	Capacitance Variation	±3.0% or ±.3pF, whichever is greater	±12.5% ±30%
	DF	0.3%	Initial Value x 2.0 (See Above)
	Insulation Resistance	≥Initial Value x 0.3 (See Above)	

HOW TO ORDER						
CC4 Tape	1206 Size code	B Dielectric	474 Capacitance	K Tolerance	500 Voltage	T Packing style
Radial Multiplayer Ceramic capacitors	C=COG B=X7R F=Y5V Z=E X5R=X5R	106= 10X10 ⁶ (pF) This is expressed in picofarads. The first two digits are the significant figures. The third is the number of zeros to follow.	C=±0.25PF D=±0.5PF J=±5% K=±10% M=±20% Z=+80,-20%	Rated Voltage 6.3V=006 10V=010 16V=016 25V=025 50V=050 100V=101 250V=251 630V=631 3000V=302	P=ammo T=tape and reel A B C (see above lead style)	