

CC4 CT4 Radial Leads Multilayer Ceramic Capacitors



Features

Wide capacitance, temperature , voltage and tolerance range;

Industry sizes; Tape and Reel available for auto placement; a lot of leads type available.

ELECTRICAL PROPERTIES STANDARD

ITEM	TEST STANDARD			
	NPO/CG/CH/RH UJ/SL	X7R(B)	Z5U(E)	Y5V(Y/F)
(C) apacitance	In the tollerance	In the tollerance	In the tollerance	In the tollerance
(DF) Dissipation Factor	≤0.15%	≤3.5%	≤5%	< 7.5%(220nF)
				<10%(220~470nF)
				<15%(470~1000nF)
(IR) Insulation Resistance	≤10nF	≤25nF	≤25nF	≤25nF
	IR ≥ 10000MΩ	IR ≥4000MΩ	IR ≥4000MΩ	IR ≥4000MΩ
	C>10nF	C>25nF	C>25nF	C>25nF
	R·C ≥100S	R·C ≥100S	R·C ≥100S	R·C ≥100S
Withstanding Voltage	2.5rated voltage	2.5rated voltage	2.5rated voltage	2.5rated voltage
Test Condition				
Test Frequency	1MHZ (C>1000PF 1KHZ)	1KHZ	1KHZ	1KHZ
Test Voltage of Cap.&D.F	1±0.2V	1±0.2V	0.3±0.2V	0.3±0.2V
Test Voltage of IR	rated voltage	rated voltage	rated voltage	rated voltage
Temperature	18~25	18~25	18~25	18~25
Humidity	<75%	<75%	<75%	<75%

Products : Trimming potentiometers, Capacitors, Varistors, LED and Resistors

Email: inquiry@elecsound.cn ; [Http://www.elecsound.cn](http://www.elecsound.cn) ;Tel: 86 755 83045964

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How to order

CT4 0805 Y 104 Z 500 A1 T

CT4	0805	Y	104	Z	500	A1	T
Type	Size	Dielectric	Capacitance	Cap.Tol.	Voltage	Leads type	Package
CC4	(mm) L×W	N=NPO	104=100000(pF)	B=±0.01pF	500=50V	A1	T =reel package
CT4 Class II	0805=2.0×1.25	B=X7R		C=±0.25pF	101=100V	B1,B2	B=Bulk
	1206=3.2×1.6	Y=Y5V		D=±0.50pF		C1	
	1210=3.2×2.5	(Z5U)		F=±1.0%			
	1812=4.5×3.2			G=±2.0%			
	2225=5.7×6.4			J=±5.0%			
	3035=7.6×9.0			K=±10%			
				M=±20%			
				S=+50%/-20%			
				Z=+80%/-20%			

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