

Product Line-up

Capacitors

- Ceramic Disc
- Multi-Layer Ceramic
- Thin Film
- Capacitor Network
- Aluminium Electrolytic
- Tantalum
- Plastic Film
- Trimmer

Resistors

- Chip
- Resistor Network
- Trimmer Potentiometer

Frequency Control

- Ceramic Resonator
- EMI Filter
- SAW Resonator

Cross Link Manufacturing Limited

Cordially invites you to preview
our new web site
www.clmuk.co.uk

& enter our Top Range
Graphic Calculator
on-line draw !

* Drawn on 31 July 1998

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Passives & Frequency Control Components

Capacitor Conversion Chart

EIA Code	Capacitance / μ F	Capacitance /nF	Capacitance /pF
1R0	0.000001	0.001	1
100	0.00001	0.01	10
101	0.0001	0.1	100
102	0.001	1	1,000
103	0.01	10	10,000
104	0.1	100	100,000
105	1	1,000	1,000,000
106	10	10,000	10,000,000
107	100	100,000	100,000,000

Capacitor Tolerance Chart

EIA Code	Tolerance	Capacitor Type			
		Ceramic	Film	Tantalum	Electrolytic
C	± 0.25 pF	■			
D	± 0.5 pF	■			
F	$\pm 1\%$	■			
G	$\pm 2\%$	■	■		
J	$\pm 5\%$	■	■	■	
K	$\pm 10\%$	■	■	■	■
M	$\pm 20\%$		■	■	■
Z	+80, -20%	■			

Standard Chip Sizes

	Imperial		Metric	
	L/inch	W/inch	L/mm	W/mm
0402	0.04	0.02	1.00	0.50
0603	0.06	0.03	1.60	0.08
0805	0.08	0.05	2.00	1.25
1206	0.12	0.06	3.20	1.60
1210	0.12	0.10	3.20	2.50
1812	0.18	0.12	4.50	3.20
2220	0.22	0.20	5.70	5.00

Further guides and application notes
on the CLM web-site
<http://www.clmuk.co.uk>