

# 38 Series .380" X .380"

## Non-magnetic High Q Multi-layer Porcelain Chip Capacitors

### GENERAL SPECIFICATIONS

<b>Case Size</b>	.380" L x .380" W x .130" H
<b>Capacitance Range</b>	1pF to 5,100pF
<b>DC Working Voltage</b>	7,200 1 to 100pF 3,600 120 to 390pF 2,500 470 to 680pF 1,000 820 to 2,200pF 500 2,700 to 5,100pF
<b>DC Withstanding Voltage</b>	2.5 x Working Voltage
<b>Quality Factor</b>	See chart below
<b>Operating Temperature</b>	-55°C to +125°C
<b>Insulation Resistance @ 25°C</b>	10 <sup>5</sup> megohms



Series	Cap. Codes	Tol. Codes	DC Working Voltage	Termination Codes	Material Codes	Lead Codes
11	OR1	0.1pF	50	M	H	Blank = no leads
25	100	10pF	100	M	F	R = Ribbon leads
38	101	100pF	200		R	
	102	1000pF	300	S		
			500	V		
			600			
			1000			
			1500			
			2500			
			3600			
			7200	W		

### PART NUMBER

**38** — **820** — **G** — **7200** — **M** — **H** — **R**  
 Series Capacitance Code Tolerance DC Working Voltage Termination Material Lead

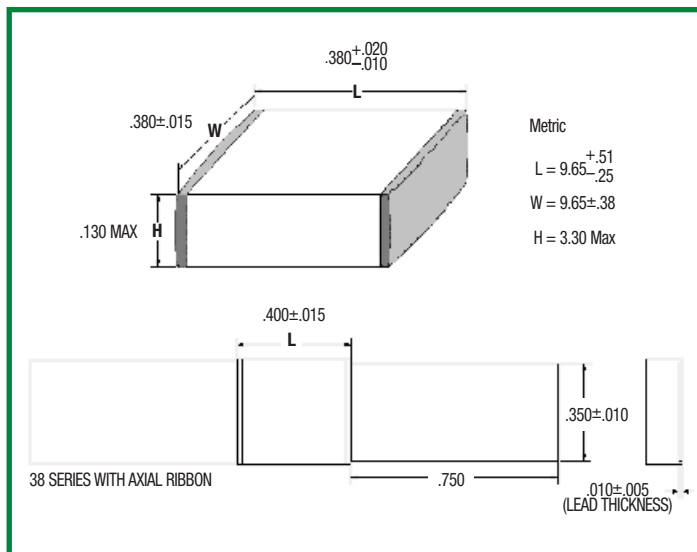
# Voltronics Corporation

## 38 Series Capacitance Values

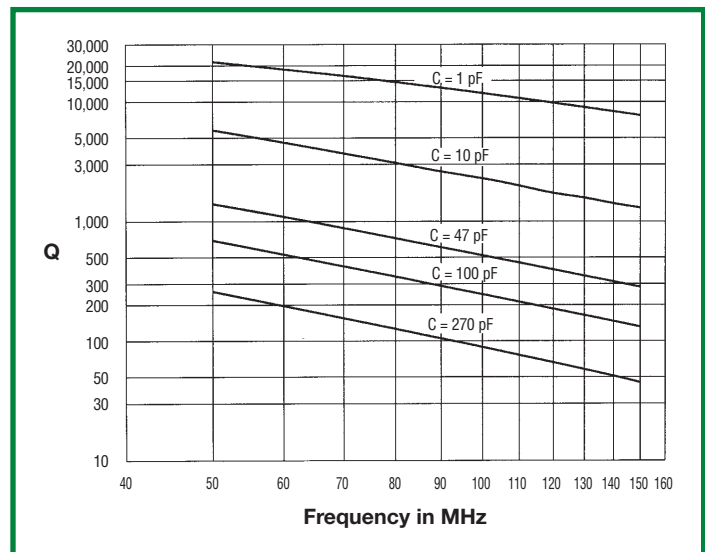
Capacitance (pF)	Capacitance Code	Tolerance	Working Voltage
1	1R0	B,C	7,200
1.2	1R2		
1.5	1R5		
1.8	1R8		
2.2	2R2		
2.7	2R7		
3.3	3R3		
3.9	3R9		
4.7	4R7		
5.6	5R6		
6.8	6R8		
8.2	8R2		
10	100		
12	120		
15	150		
18	180		
22	220		
27	270		
33	330		
39	390		
47	470		
56	560		
68	680		

Capacitance (pF)	Capacitance Code	Tolerance	Working Voltage
82	820	G,J,K	7,200
100	101		
120	121		
150	151		
180	181		
220	221		
270	271		
390	391		
470	471		
560	561		
680	681		
820	821		
1000	102		
1200	122		
1500	152		
1800	182		
2200	222		
2700	272		
3300	332		
3900	392		
4700	472		
5100	512		

### OUTLINE DRAWING



### QUALITY FACTOR (Q)



NOTE: For a detailed Q chart go to [www.voltronicscorp.com](http://www.voltronicscorp.com)