Ceramic Resonator build-in Capacitance Type

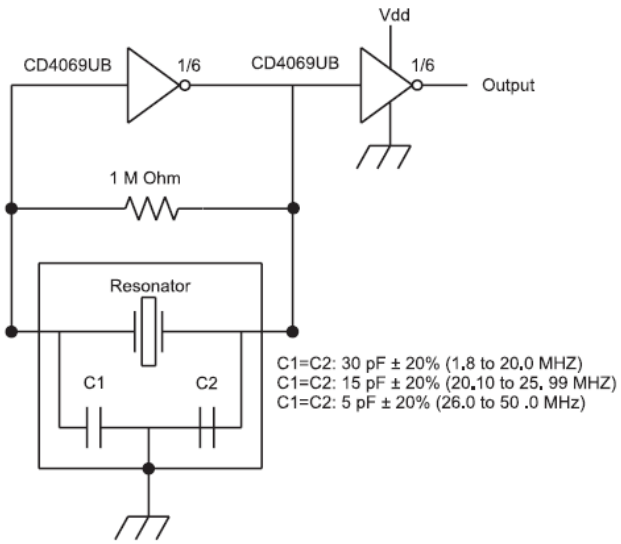
Features

- Cost effective
- Small and Light
- High Durability
- Excellent Temperature Stability

Electrical Specifications

Frequency Range		1.800 to 50.000	MHz
Frequency Tolerance at 25°C	Standard	±5%	% Max
Frequency Stability over Temperature Range	Standard	±50	% Max
Temperature Range	Operating	-20 to +80	°C
	Storage	-30 to +85	
Aging over 10 Years		± 0.3	% Max
Voltage Rating	DC	6.0	V
	AC	15	V p-p
	Maximum	100 for 5 seconds	V Max
External Capacitance (See Test Circuit)	C1=C2	30 ± 20%	pF
	C1=C2	15 ± 20%	
	C1=C2	5 ± 20%	
Equivalent Ser Resistance (ESR)		100	Ohms Max
Insulation Resistance (Applied at 10Vdc)		100	M Ohm Min

Test Circuit :

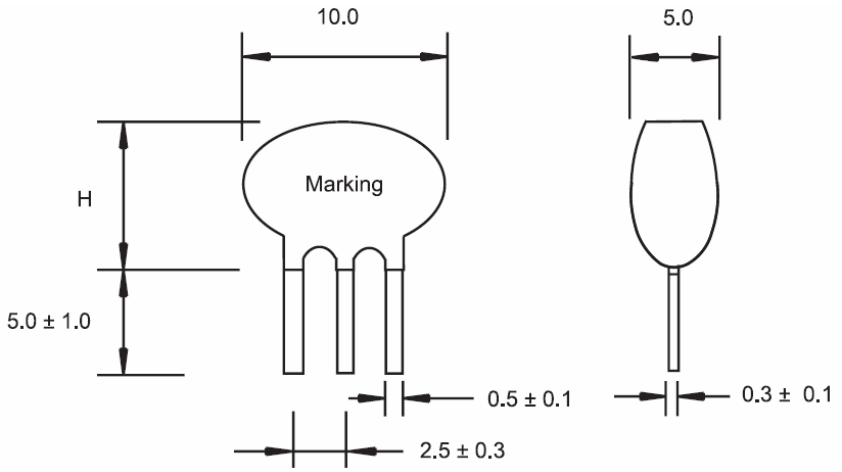


Part Numbering System

Type		Frequency
WPOC	-	in MHz

Examples : WPOI-4.000MHz or WPOI-12.000MHz

Mechanical Outline



Dimension are millimeters

Frequency in MHz	Height “H” Max
1.800 – 6.000	7.5
6.100 – 50.000	10.0

Notes:
1 – Lead Pb in Ceramic is exempt per RoHSF 2002/95/EC, Annex 7.
2 – Product is shipped in Bulk, each pack is 1000 pieces
3 – Specification subject to change without notice.