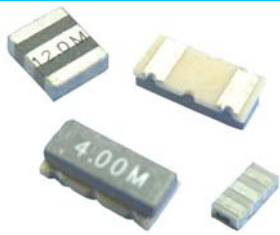


# Ceramic Unit

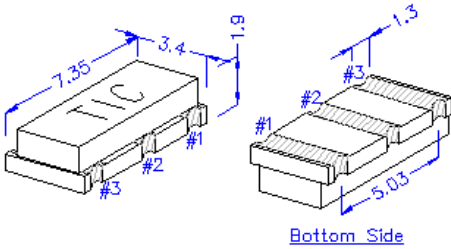


## Chip Type Resonator



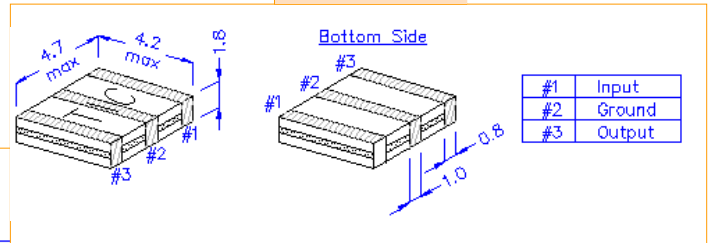
- mini Surface Mount Device
- ZTA (without built-in capacitors) and ZTT (built-in capacitors) available
- used for microprocessor.

### CC



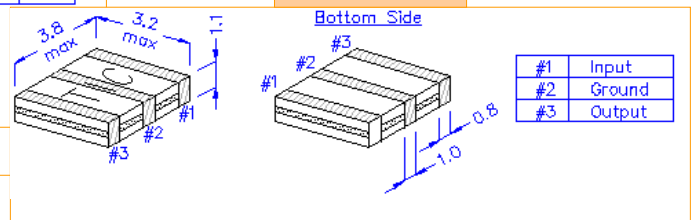
#1	Input
#2	Ground
#3	Output

### CS



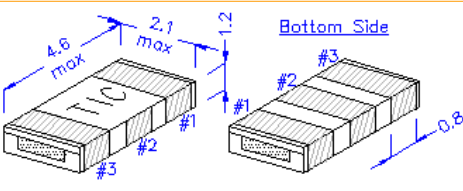
#1	Input
#2	Ground
#3	Output

### CV



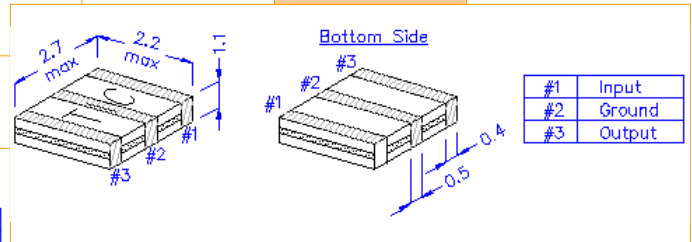
#1	Input
#2	Ground
#3	Output

### CR



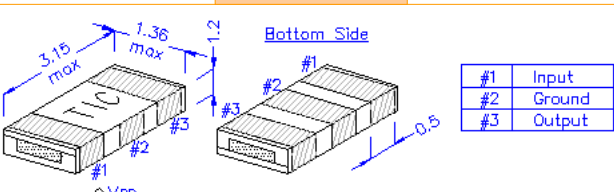
#1	Input
#2	Ground
#3	Output

### CW

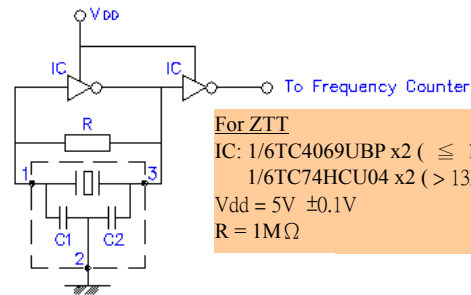
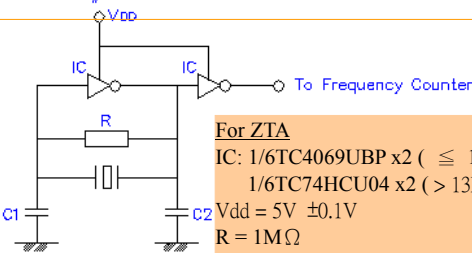


#1	Input
#2	Ground
#3	Output

### CE



#1	Input
#2	Ground
#3	Output



## Frequency Range

	CC	CR	CE	CS	CV	CW
1.80MHz ~ 3.99MHz						
4.00MHz ~ 5.99MHz						
6.00MHz ~ 8.00MHz						
8.00MHz ~ 10.00MHz						
10.01MHz ~ 13.00MHz						
13.01MHz ~ 15.99MHz						
16.00MHz ~ 19.99MHz						
20.00MHz ~ 60.00MHz						