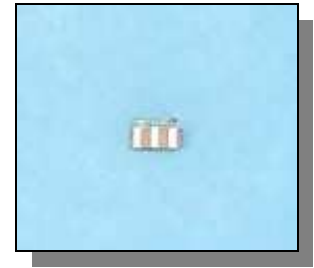


## ■ Features

- ★ Low cost
- ★ Ex-stock available

## ■ Application

- ★ Microprocessor system
- ★ VCD player
- ★ Home appliance
- ★ Cassette recorder
- ★ Automotive electronics
- ★ Communication equipment
- ★ TV



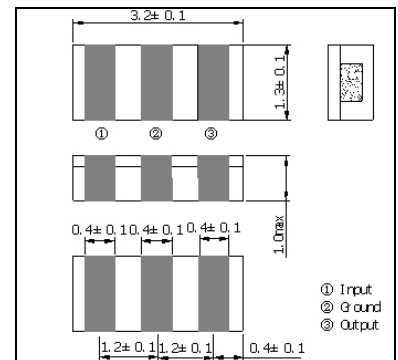
## ■ Specification (Characteristics)

Item	Specification
Oscillation Frequency (MHz)	8.00 ~ 12.00
Frequency Accuracy (%)	±0.5
Resonant Impedance (Ω) max.	40
Temperature Coefficient of Oscillation Frequency (%) max.	±0.3 (Oscillation Frequency drift · -25°C ~ +85°C)
Loop Gain (dB) min	10.0
Withstanding Voltage (V)	50 (DC · 1min)
Insulation Resistance (MΩ) min.	100 (10V · 1min)
Operating temperature	-25°C ~ +85°C
Storage temperature	-55°C ~ +85°C
Rating Voltage (V)	6V DC 15V p-p

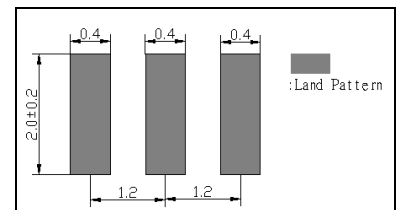
## ■ Part Number and Ordering

Part Number Code	Holder Type + Frequency + Design Mode
Ordering Code	Same as Above
Example	ZTTCE8.0MG

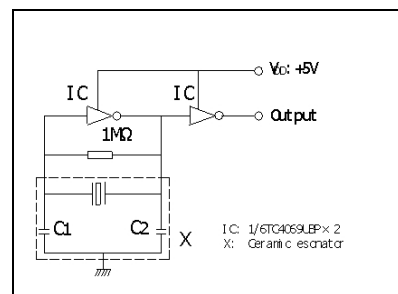
## ■ Dimension (Unit: mm)



## ■ Recommended Land Pattern



## ■ Test Circuit



## ■ Reflow Soldering Condition

