Ceramic Resonator

Features

- ★ Low cost
- ★ Ex-stock available

Application

- ★ Microprocessor system
- ★ VCD player
- ★ Home appliance
- ★ Cassette recorder

Specification (Characteristics)

Item	Specification
Oscillation Frequency (MHz)	8.00 ~ 12.00
Frequency Accuracy (%)	±0.5
Resonant Impedance (Ω) max.	40
Temperature Coefficient of	±0.3
Oscillation Frequency (%) max.	(Oscillation Frequency drift $, -25^{\circ}C \sim +85^{\circ}C$)
Loop Gain (dB) min	10.0
Withstanding Voltage (V)	50 (DC [,] 1min)
Insulation Resistance ($\mbox{M}\Omega$) min.	100 (10V • 1min)
Operating temperature	$-25^\circ C \sim +85^\circ C$
Storage temperature	$-55^\circ C \sim +85^\circ C$
Rating Voltage (V)	6V DC
	15V p-p

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TV

Automotive electronics

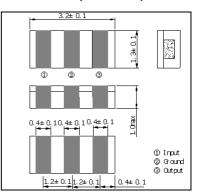
Communication equipment

Part Number and Ordering

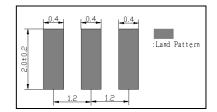
Part Number Code	Holder Type + Frequency + Design Mode
Ordering Code	Same as Above
Example	ZTTCE8.0MG

m

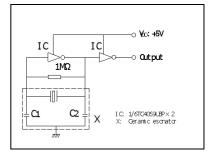
Dimension (Unit: mm)



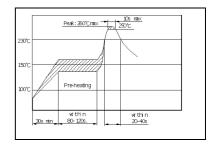
Recommended Land Pattern



Test Circuit



Reflow Soldering Condition



ZTTCE Series