

CERAMIC RESONATOR

ZTT Series with Built-IN Capacitor



Approved by:
Checked by:
Issued by:

SPECIFICATION

P/N: ZTTCR4.00MGE39PGJM

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1. SCOPE

This specification shall cover the characteristics of the surface mount ceramic resonator with 4.00MHz.

2. CUSTOMER NO:

3. FACTORY NO: ZTTCR4.00MGE39PGJM

4. ELECTRICAL CHARACTERISTICS

No	Item	Requirements
4.1	Oscillation Frequency (Fosc)	4.00MHz $\pm$ 0.5%
4.2	Resonant Impedance (Ro)	60 Ω
4.3	Temperature Coefficient of Oscillation Frequency	$\pm$ 0.5% max (-40 $^{\circ}$ C to +125 $^{\circ}$ C)
4.4	Withstanding Voltage	100VDC 10 Seconds
4.5	Rating Voltage (1) D.C. Voltage (2) A.C. Voltage	6 V.D.C. 15 Vpp.
4.6	Insulation Resistance	100M Ω min.(at 10VDC)
4.7	Operating Temperature	-40 $^{\circ}$ C to +125 $^{\circ}$ C
4.8	Storage Temperature	-55 $^{\circ}$ C to +125 $^{\circ}$ C
4.9	Aging Rate (Fosc)	$\pm$ 0.3% max (10 year)
4.10	C1C2	39pf $\pm$ 20%

5. MEASUREMENT

5.1 Measurement Condition

The reference temperature shall be 25 $^{\circ}$ C $\pm$ 2 $^{\circ}$ C. The measurement shall be performed at the temperature range of 5 $^{\circ}$ C to 35 $^{\circ}$ C unless otherwise the result is doubtful.

5.2 Measurement Circuit and Equipment

Oscillating frequency shall be measured by the standard test Circuit.

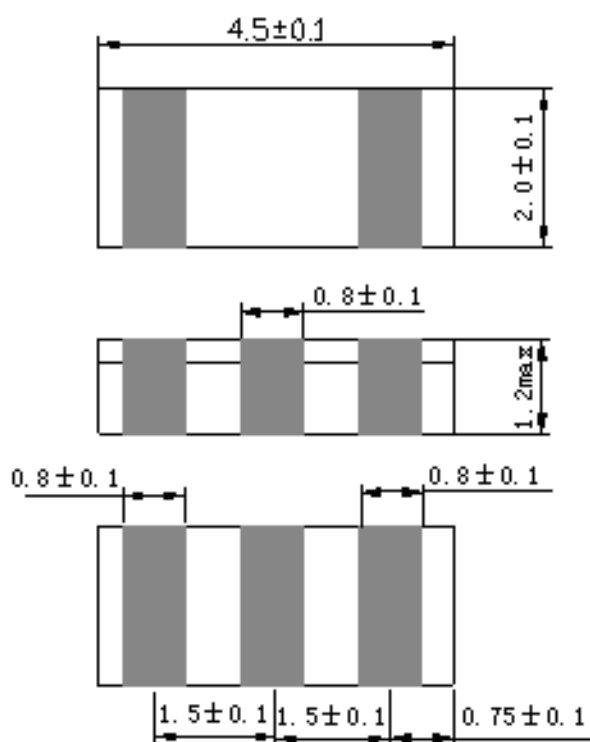
Resonant impedance shall be measured by HP8751A Network Analyzer.

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6. DIMENSION



#	Pin #
1	Input
2	Ground
3	Output

*, EIAJ MONTHLY CODE