

Series TX1
SEAM SEALED CERAMIC 2.0 X 1.6mm SMD



FEATURE

- High precision and high frequency stability
- Excellent heat resistance and environmental characteristics.
- Extremely small SMD type crystal.
- Applications in PDA,DSC,DVC,PC,etc.

ELECTRICAL SPECIFICATIONS

Output Frequency Range	20.000 MHz to 54.000 MHz
Mode	see Table 1*
Frequency Tolerance (at 25°C)	±10ppm, ±30ppm or specify
Frequency Stability Over Operating Temperature Characteristics	±10ppm, ±30ppm or specify
Operating Temperature Range	-10 °C to +60 °C -20 °C to +70 °C -40 °C to +85 °C or specify
Storage Temperature Range	-55 °C to + 125 °C
Shunt Capacitance (C ₀)	3.0 pF Max
Drive Level (Typical)	10μW~100μW
Load Capacitance(C _L)	Series, 8pF, 10pF, 12pF, 20pF or specify
Aging @25°C 1 st year (Max)	±3ppm/year
Shock Resistance	Drop test of 3 times on 2mm stainless plate from 75cm height

REMARK: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

EQUIVALENT SERIES RESISTANCE (ESR) (Table 1)

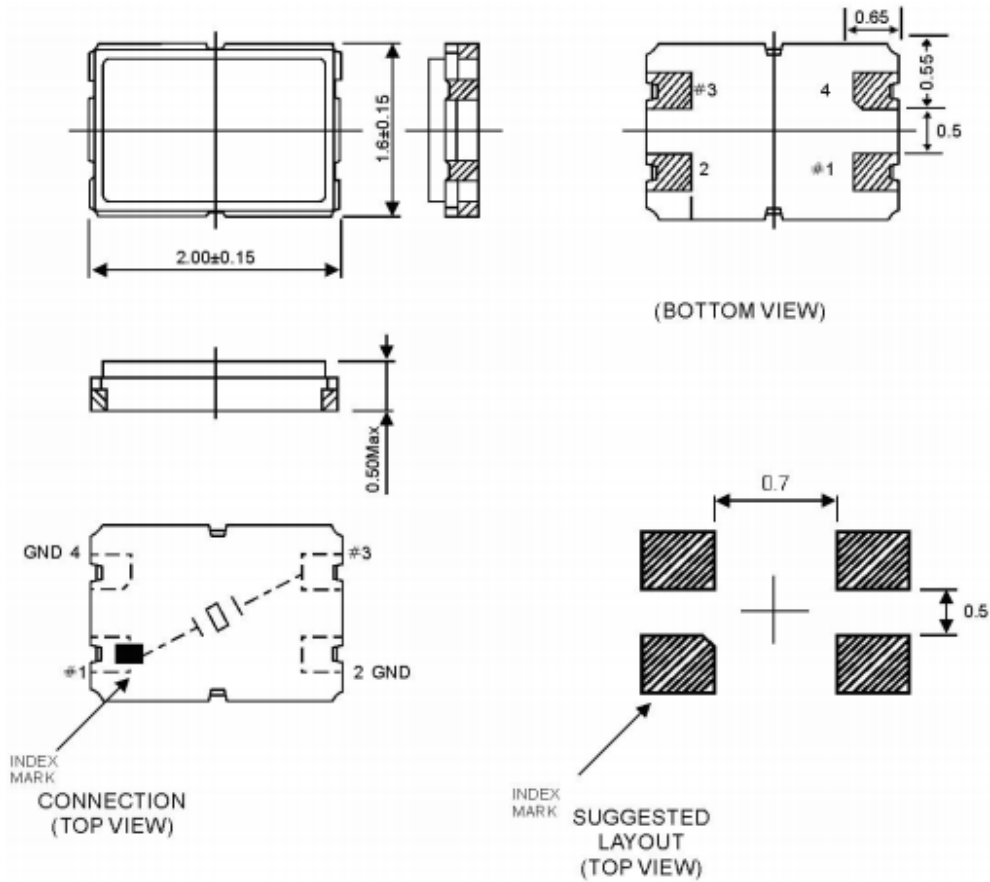
Frequency Range	E.S.R(Ω)	Mode
20.000~29.999MHz	100 Ω Max	AT/Fundamental
30.000~54.000MHz	80 Ω Max	AT/Fundamental

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Dimension:



REFLOW CONDITION:

