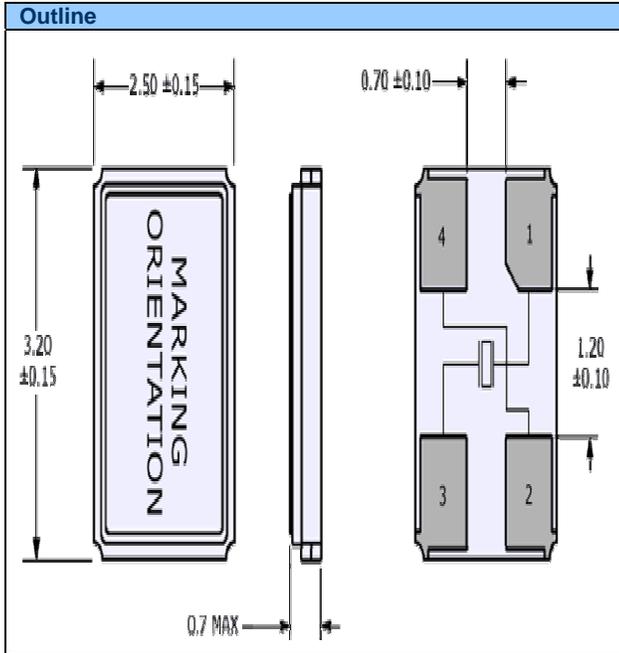




FEATURE

- SMD S- Seam Type
- Wide frequency range from 12 MHz upto 40 MHz
- RoHS Compliant Standard



Frequency Range	12 MHz to 40 MHz
Mode of Oscillation	Fundamental & Overtone
Frequency Adjustment Tolerance at 25° C	± 10ppm ~ ± 50ppm - Standard Others - Specify
Operating Temperature Range	-10°C to 60°C
Frequency Stability	Select from table below
ESR	Select from table below
Drive level	10 µ Watts -Typical 300 µ Watts Max.
Resonance Condition	XXS – series, XXP – Parallel with xx pF (Parallel 8 pF, 10 pF, 12 pF)
Storage Temperature	-40°C to +85°C
Ageing	± 5 PPM / Year

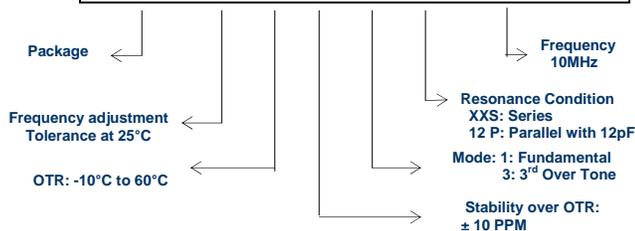
▲ All dimensions are in mm.

Operating Temperature Range	
Code	Range
B	0 °C to +60°C
D	-10 °C to +60°C
C	-20°C to +70°C
I	-40 °C to +85°C

Frequency Adjustment Tolerance at 25°C/ Stability Over OTR	
Code	Stability
D	± 10.0 PPM
E	± 15.0 PPM
F	± 20.0 PPM
M	±50.0 PPM
K	±100.0 PPM

Ordering Information

Example
3225 D D D 1 12 P 010M000000



Frequency Range By Mode Of Oscillation	
Fundamental	3 rd Overtone
12.0 to 40.0 MHz	30.0 to 40.0 MHz

Max Equivalent Series Resistance Table			
Frequency Range MHz	ESR	Frequency Range MHz	ESR
Fundamental	100Ω	3 rd Overtone	
		30.0 to 40.0	50Ω

Specifications subject to change without notice
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