

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Updated Storage Temperature	3/3/2008	DK

## PACKAGE DIMENSIONS (mm)

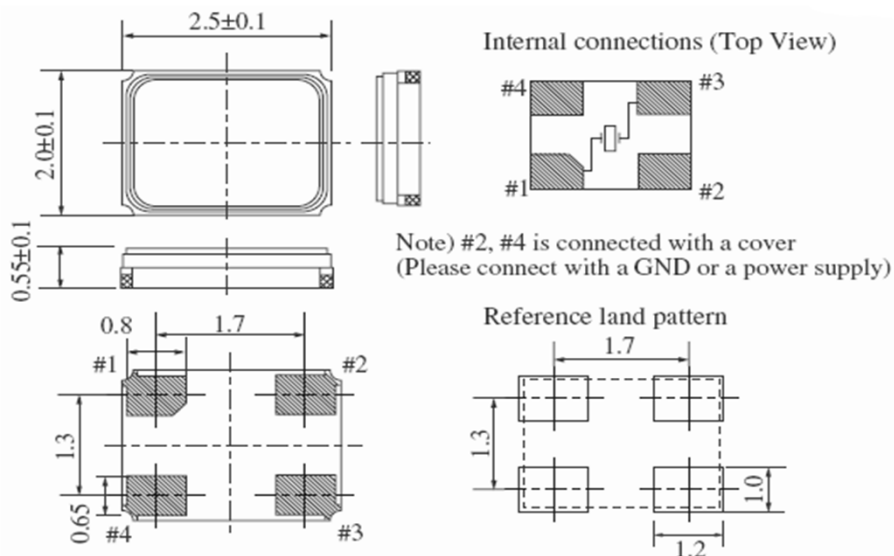


Figure 1: Top, Side, and Bottom Views

\* This crystal has been qualified by Linear Technology for use with the Eterna mesh-networking family of products. Network operation relies on timing more precise than provided by the crystal accuracy itself, requiring that crystals be characterized and qualified.



## ELECTRICAL SPECIFICATIONS

Frequency: 20.000000 MHz

Frequency Tolerance @ +25°C: ± 25 ppm Max.

Frequency Stability (Ref @ +25°C -40 to +85°C): ±30ppm Max.

Crystal Cut: AT Strip

Load Capacitance (CL): 8.0 pF

Recommended Drive Level: 100 µW Max.

Effective Series Resistance: 60 Ω Max.

Shunt Capacitance: 5 pF Max.

Mode of Operation: Fundamental

Storage Temperature: -55 to +125°C

Operating Temperature: -40°C to +85°C

Aging: ± 5 ppm Max./Year

Package Type: ECX-2236

P/N: ECS-200-CDX-0778

SIGNATURES		DATE	TITLE <b>20.00 MHz Crystal, SMD, Tight Tolerance</b>	
DRN MR		9/11/2007		
CHK DK		9/11/2007		
APP BS		9/11/2007		
Dimensions in mm			SIZE A	REV A
			DWG NO. ECS-200-CDX-0778	
			CAGE CODE: 1G8B7	SHEET 1 OF 1

ECS INC. INTERNATIONAL 1105 S. Ridgeview Olathe, KS 66062 (913) 782-7787		
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