

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

PACKAGE DIMENSIONS (mm)

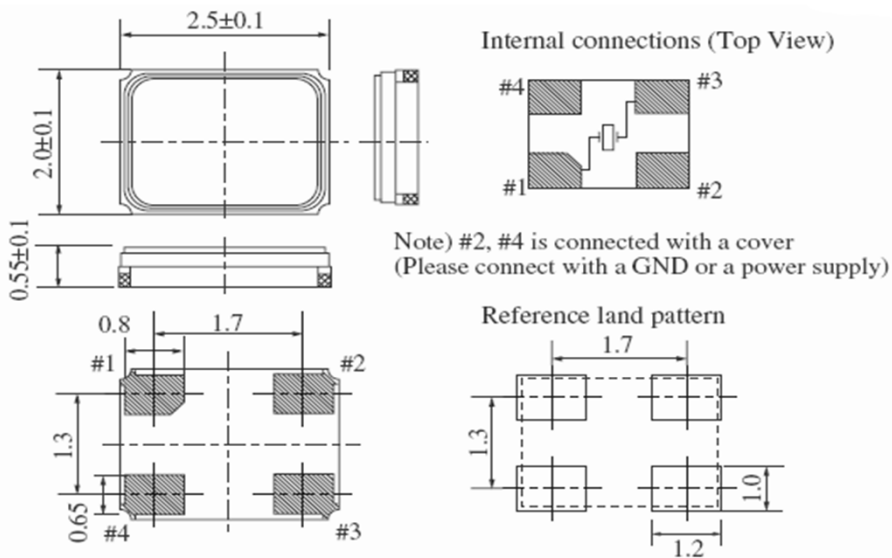


Figure 1: Top, Side, and Bottom Views



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

* 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.

SIGNATURES	DATE
DRN MR	9/11/2007
CHK DK	9/11/2007
APP BS	9/11/2007

ECS INC. INTERNATIONAL 1105 S. Ridgeview Olathe, KS 66062 (913) 782-7787		
TITLE 20.00 MHz Crystal, SMD, Tight Tolerance		
SIZE A	DWG NO. ECS-200-CDX-0778	REV A
CAGE CODE: 1G8B7		SHEET 1 OF 1

Dimensions in mm