

PACKAGE DIMENSIONS (mm)

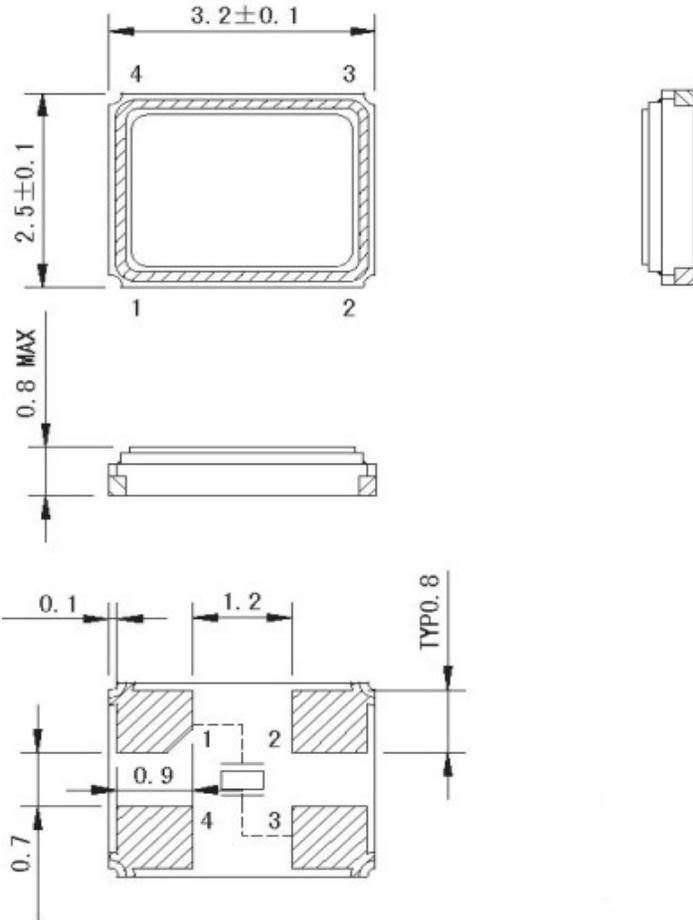


Figure 1) Top, Side, Bottom Views and Land

* 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.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

ELECTRICAL SPECIFICATIONS

Frequency: 20.000000 MHz
 Frequency Tolerance @ +25°C: ± 10 ppm Max.
 Frequency Stability -40 to +85°C: ± 30 ppm Max.
 Crystal Cut: AT Strip
 Load Capacitance (CL): 10 pF
 Recommended Drive Level: 100 µW Max.
 Effective Series Resistance: 50 Ω Max.
 Shunt Capacitance: 5 pF Max.
 Mode of Operation: Fundamental
 Aging (first year): ± 3 ppm/ Max.
 Storage Temperature: -60 to +105°C
 Operating Temperature: -60 to +105°C
 Package Type: ECX-32

ECS Part Number: ECS-200-CDX-0998



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SIGNATURES	DATE	TITLE	SIZE	DWG NO.	REV
DRN BL	8/25/2014	20.000 MHz Crystal, ECX-32 Pb Free/RoHS Compliant	A	ECS-200-CDX-0998	
CHK RC	8/25/2014				
APP DK	8/25/2014				
Dimensions in mm		CAGE CODE: 1G8B7	SHEET 1 OF 1		