

# PACKAGE DIMENSIONS (mm)

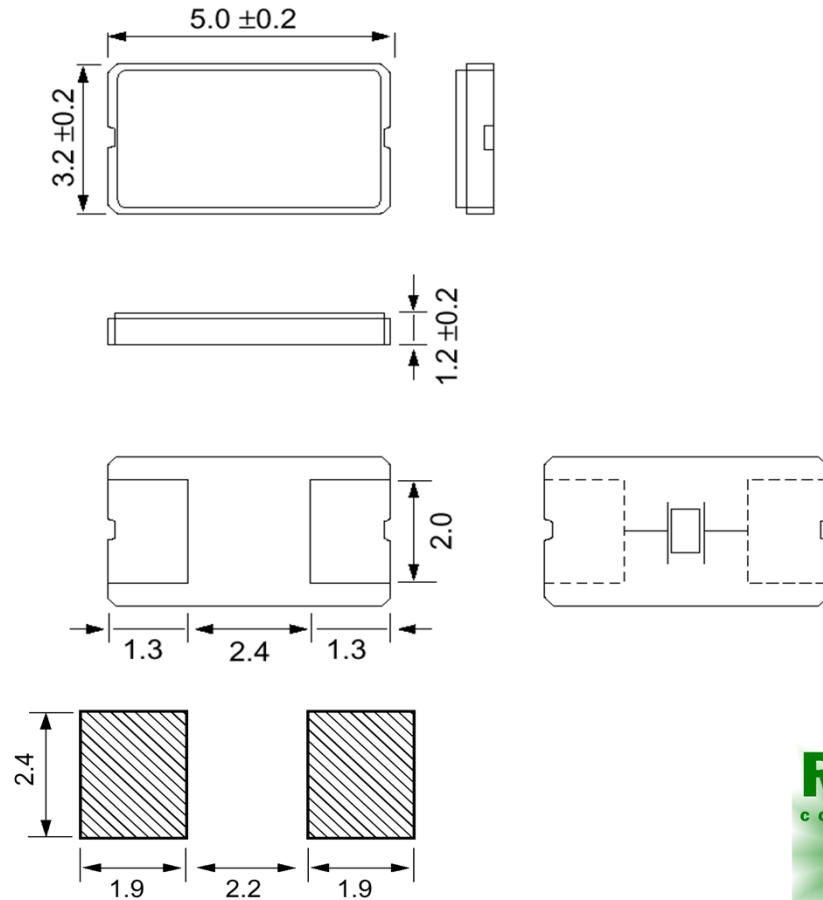


Figure 1) Top, Side, Bottom Views and Land

\* 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: 40 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-53

**ECS Part Number: ECS-200-CDX-1061**

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

TITLE		<b>20.000 MHz Crystal, ECX-53</b>	
		<b>Pb Free/RoHS Compliant</b>	
SIZE A	DWG NO. ECS-200-CDX-1061	REV	
CAGE CODE: 1G8B7		SHEET 1 OF 1	

SIGNATURES	DATE
DRN <b>BL</b>	5/27/2015
CHK <b>RC</b>	5/27/2015
APP <b>DK</b>	5/27/2015
Dimensions in mm	

# Mouser Electronics

Authorized Distributor

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