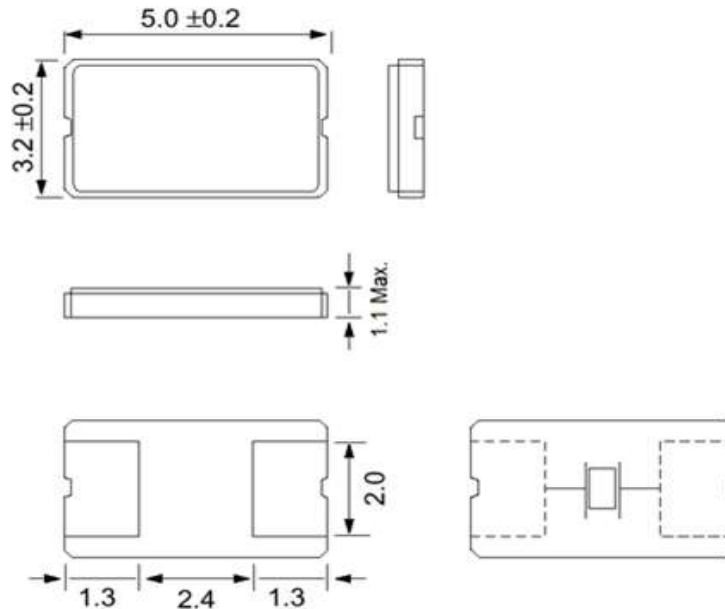


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Updated drawing spec.	7/15/22	DK

**ELECTRICAL SPECIFICATIONS**

Frequency: 50.000 MHz  
 Frequency Tolerance (@ +25°C): ±7 ppm Max.  
 Frequency Stability (-40 ~ +85°C): ±15 ppm Max.  
 Crystal Cut: AT Strip  
 Load Capacitance (CL): 19 pF  
 Recommended Drive Level: 100 µW Max.  
 Effective Series Resistance: 15 Ω Max.  
 Shunt Capacitance: 5 pF Max.  
 Aging (@ +25°C, First Year): ±1 ppm Max.  
 Mode of Operation: Fundamental  
 Insulation Resistance: 500MΩ Min.  
 Operating Temperature: -40 ~ +85°C  
 Storage Temperature: -55 ~ +125°C  
 Package Type: ECX-53 (5.0x3.2mm)

**DIMENSIONS (mm)**



**ECS Part Number: ECS-500-CDX-2240**

Figure 1) Top, Side and Bottom Views



ECS INC. INTERNATIONAL  
 15351 W. 109th Street  
 Lenexa, KS 66219  
 (913) 782-7787

SIGNATURES		DATE	TITLE	ECS INC. INTERNATIONAL	
DRN <b>AJ</b>		8/24/2021	SIZE <b>A</b>	15351 W. 109th Street	
CHK <b>DK</b>		8/24/2021		Lenexa, KS 66219	
APP <b>BS</b>		8/24/2021		(913) 782-7787	
Dimensions in mm			CAGE CODE: 1G8B7	DWG NO. ECS-500-CDX-2240	REV <b>A</b>
					SHEET 1 OF 1

**50.000 MHz 19 pF SMD Crystal ±7/15 ppm -40 ~ +85°C RoHS**

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