

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

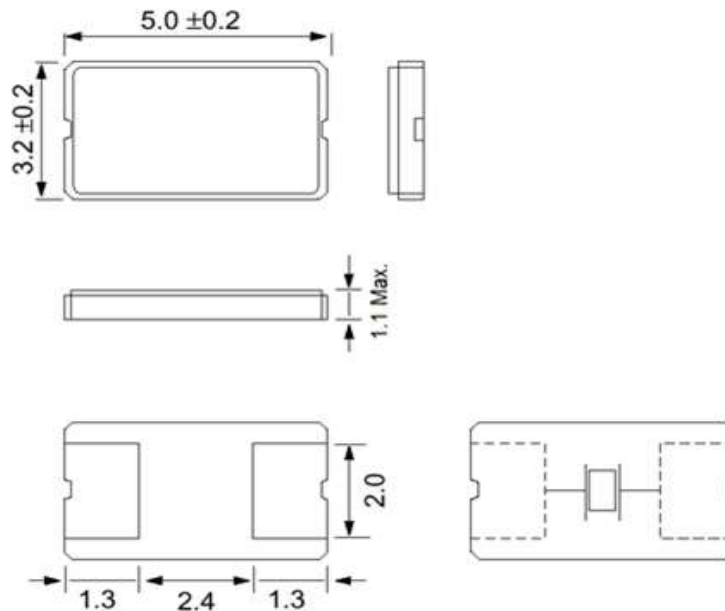
Insulation Resistance: 500MΩ Min.

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

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SIGNATURES	DATE	TITLE		
DRN AJ	8/24/2021	50.000 MHz 19 pF SMD Crystal ±7/15 ppm -40 ~ +85°C RoHS		
CHK DK	8/24/2021			
APP BS	8/24/2021			
		SIZE A	DWG NO. ECS-500-CDX-2240	REV A
Dimensions in mm		CAGE CODE: 1G8B7		SHEET 1 OF 1

Mouser Electronics

Authorized Distributor

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[ECS-500-CDX-2240](#)