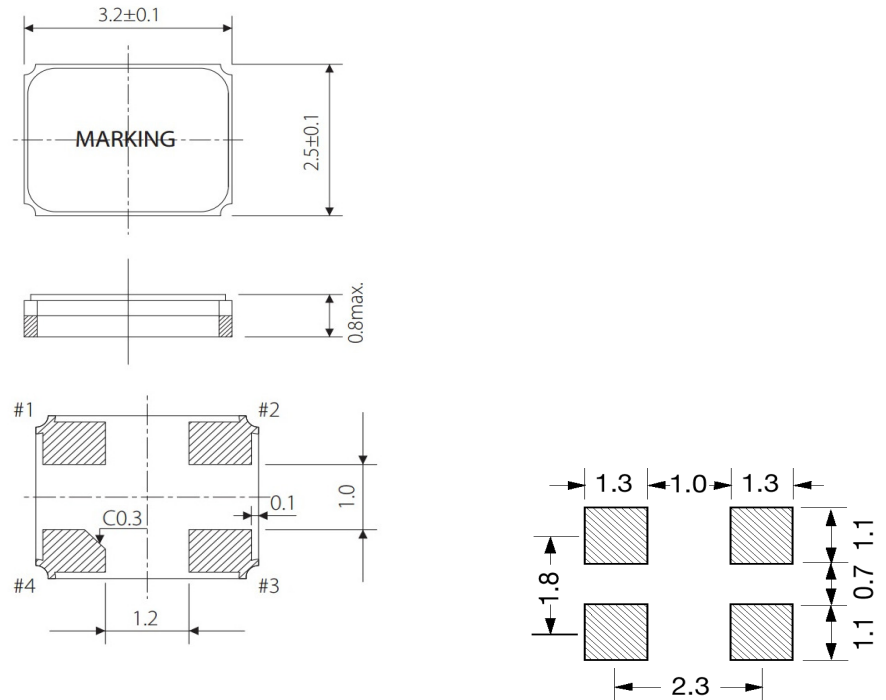


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

**ELECTRICAL SPECIFICATIONS**

Frequency: 114.285 MHz  
 Frequency Tolerance(@ +25°C): ±25 ppm Max.  
 Frequency Stability (-40 ~ +85°C): ±100 ppm Max.  
 Crystal Cut: AT Strip  
 Load Capacitance (CL): 18 pF  
 Recommended Drive Level: 100 µW Max.  
 Effective Series Resistance: 100 Ω Max.  
 Aging (Per Year @ +25°C): ± 5 ppm Max.  
 Shunt Capacitance: 5 pF Max.  
 Mode of Operation: 3rd Overtone  
 Storage Temperature: -55 ~ +125°C  
 Operating Temperature: -40 ~ +85°C  
 Package Type: ECX-32 (3.2 x 2.5 mm)

**DIMENSIONS (mm)**



**ECS Part Number: ECS-1142.85-18-33-ADN-TR**

Figure 1) Top, Side, Bottom and Land Pattern

Tape and Reel packaging 1K pcs. per reel



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

SIGNATURES		DATE	TITLE	
DRN	AJ	9/30/2019	114.285 MHz 18 pF SMD Crystal ±25/100 ppm -40 ~ +85°C RoHS	
CHK	DK	9/30/2019		
APP	BS	9/30/2019		
			SIZE	REV
			A	-
Dimensions in mm		CAGE CODE: 1G8B7	DWG NO. ECS-1142.85-18-33-ADN-TR	SHEET 1 OF 1