

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

PACKAGE DIMENSIONS (mm)

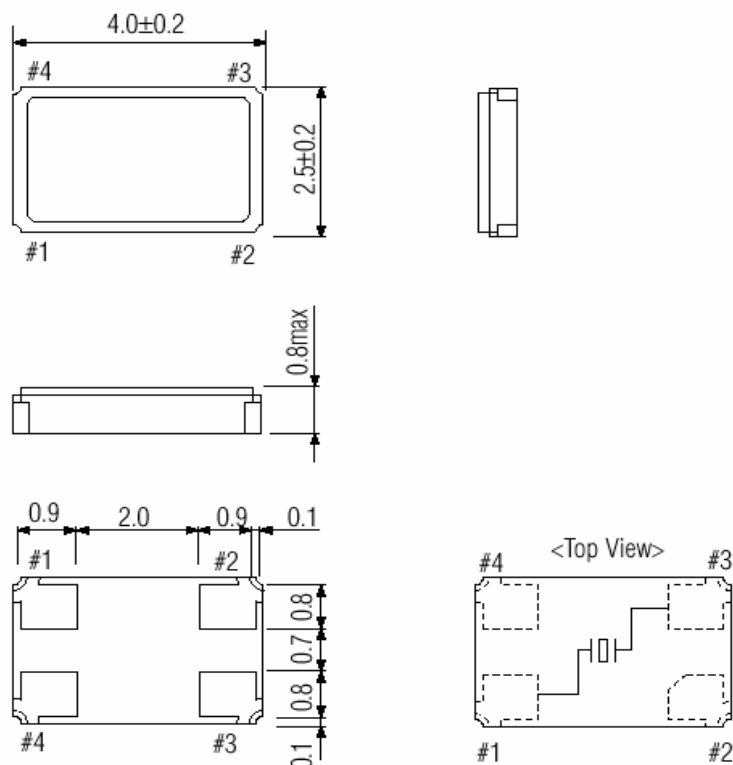


Figure 1: Top, Side, Bottom and End Views



ELECTRICAL SPECIFICATIONS

Frequency: 32.000 MHz
Frequency Tolerance @ +25°C: ± 10 ppm Max.
Frequency Stability (-20 to +75°C): ± 10 ppm Max.
Crystal Cut: AT Strip
Load Capacitance (CL): 13 pF
Recommended Drive Level: 100 µW Max.
Effective Series Resistance: 50 Ω Max.
Shunt Capacitance: 5 pF Max.
Mode of Operation: Fundamental
Storage Temperature: -40 to +85°C
Operating Temperature: -20 to +70°C
Aging (first year): ± 5 ppm Max.
Package Type: ECS-42

P/N: ECS-320-13-42-CKM-TR

SIGNATURES		DATE		TITLE	
DRN	BL	2/23/2006		32.000 MHz Crystal, 13 pF SMD Crystal ±10/10 ppm -20 ~+70°C RoHS	
CHK	RC	2/23/2006			
APP	DK	2/23/2006			
				SIZE A	REV
Dimensions in mm		CAGE CODE: 1G8B7		DWG NO. ECS-320-13-42-CKM-TR	SHEET 1 OF 1

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