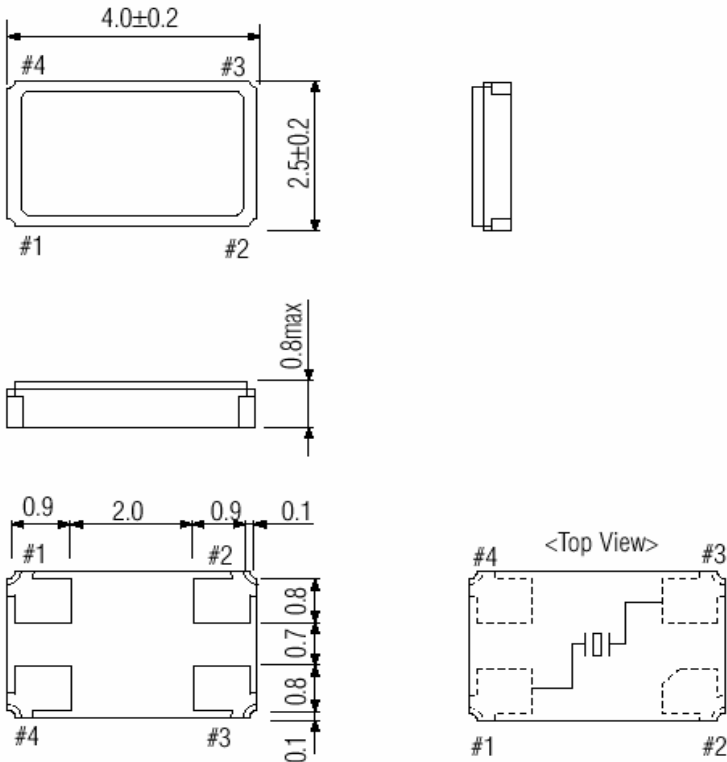


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

PACKAGE DIMENSIONS (mm)



ELECTRICAL SPECIFICATIONS

Frequency: 16.000 MHz
 Frequency Tolerance @ +25°C: ± 10 ppm Max.
 Frequency Stability (-20 to +75°C): ± 10 ppm Max.
 Crystal Cut: AT Strip
 Load Capacitance (CL): 9 pF
 Recommended Drive Level: 100 µW Max.
 Effective Series Resistance: 80 Ω Max.
 Shunt Capacitance: 5 pF Max.
 Mode of Operation: Fundamental
 Storage Temperature: -40 to +85°C
 Operating Temperature: -20 to +75°C
 Aging (first year): ± 5 ppm Max.
 Package Type: ECS-42

P/N: ECS-160-9-42-CKM-TR

Figure 1: Top, Side, Bottom and End Views



ECS INC. INTERNATIONAL 1105 S. Ridgeview Olathe, KS 66062 (913) 782-7787			
SIGNATURES		DATE	
DRN BL		2/23/2006	
CHK RC		2/23/2006	
APP DK		2/23/2006	
TITLE		16.000 MHz Crystal, 9 pF SMD Crystal ±10/10 ppm -20 ~+75°C RoHS	
SIZE A	DWG NO. ECS-160-9-42-CKM-TR	REV	
Dimensions in mm		CAGE CODE: 1G8B7	SHEET 1 OF 1