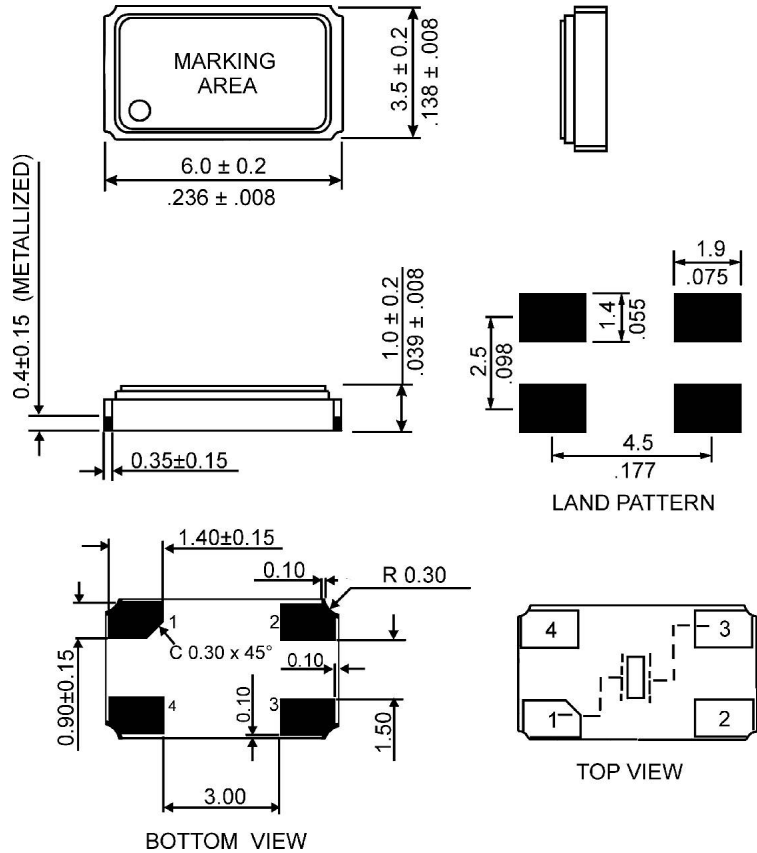


REVISIONS			
LTR		DATE	APPROVED
A	INITIAL RELEASE	5/5/03	



**SPECIFICATIONS:**

NOMINAL FREQUENCY:	20.000 MHz
MODE OF OSCILLATION:	FUNDAMENTAL
FREQUENCY TOLERANCE AT 25°C:	±10 PPM MAX
FREQUENCY STABILITY OVER TEMPERATURE RANGE:	±10 PPM MAX
OPERATING TEMPERATURE RANGE:	-10°C TO +60°C
STORAGE TEMPERATURE RANGE:	-40°C TO +85°C
AGING:	±2 PPM PER YEAR MAX
LOAD CAPACITANCE:	18 pF
DRIVE LEVEL:	100 μW TYP, 300 μW MAX
SHUNT CAPACITANCE:	7 pF MAX
EQUIVALENT SERIES RESISTANCE:	30 OHMS MAX
PACKAGING:	TAPE AND REEL

**RALTRON**

10651 NW 19TH STREET  
MIAMI, FL 33172

ALL DIMENSIONS ARE IN mm/inch  
UNLESS OTHERWISE SPECIFIED

DRAWN BY: Part Generator

CHECKED BY:

APPROVED BY:

SCALE: SHEET 1 OF DATE:

CAGE CODE:

Ø VUE Ø

DRAWING TITLE:

**SURFACE MOUNT  
MICROPROCESSOR CRYSTAL**

DRAWING NUMBER:

**H10S-20.000-18-1010-TR**