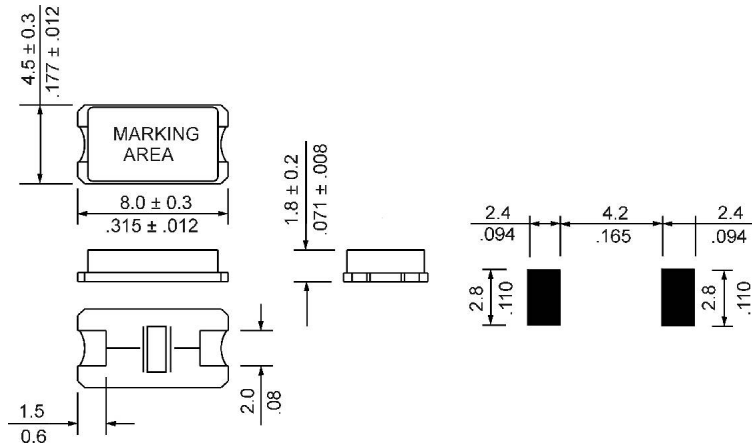


REVISIONS			
LTR		DATE	APPROVED
A	INITIAL RELEASE	4/22/03	

**SPECIFICATIONS:**

NOMINAL FREQUENCY: 30.000 MHz  
 MODE OF OSCILLATION: FUNDAMENTAL  
 FREQUENCY TOLERANCE AT 25°C: ±100 PPM MAX  
 FREQUENCY STABILITY OVER TEMPERATURE RANGE: ±100 PPM MAX  
 OPERATING TEMPERATURE RANGE: -10°C TO +60°C  
 STORAGE TEMPERATURE RANGE: -40°C TO +85°C  
 AGING: ±5 PPM PER YEAR MAX  
 LOAD CAPACITANCE: 20 pF  
 DRIVE LEVEL: 4 μW TYP, 100 μW MAX  
 SHUNT CAPACITANCE: 7 pF MAX  
 EQUIVALENT SERIES RESISTANCE: 100 OHMS MAX



**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:



DRAWING TITLE:

**SURFACE MOUNT  
MICROPROCESSOR CRYSTAL**

DRAWING NUMBER:

**H180A-30.000-20**